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1947-48

Illinois. University -- Under-  
graduate division, Gales-  
burg.  
Time table, 1947/48







# **TIME TABLE**

**First Semester**

**1947 - 1948**

**University of Illinois**

**Galesburg Division**

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# SUPPLEMENT

PLEASE NOTE THE FOLLOWING CHANGES AND CORRECTIONS:

Page 8 English 20a. Chief English Writers of the Nineteenth Century.

Page 9 Add French 2a. Modern French. Prerequisite: French 1b, or two years of high school French.

Credit	Section	Hours	Days	Room
4 hours	D	11	MTWTh	C5-14

Page 11 German 1a. No credit toward graduation is given for German 1a without German 1b.

German 1b. Prerequisite: German 1 or 1a or one year of high school German.

German 2a. Intermediate Course, not "Elementary course continued." Prerequisites: German 1 or 1b, or one year of high school German.

Page 12 History 1b. Delete Disc. E, 1 WF. Add Disc. O, 1 TTh, C4-14.

Page 15 M.E. 37. Change hours from 2 MW to 1-3 MW.

Page 16 Physics 1a. General Physics. Mechanics, Sound, Heat.

Page 17 Physics 1b. General Physics. Electricity, Magnetism, Light.

# THE HISTORY OF THE UNITED STATES

The history of the United States is a story of growth and change. From the first settlers to the present day, the nation has evolved through various stages of development. The early years were marked by exploration and settlement, followed by a period of rapid expansion and industrialization. The American Revolution was a pivotal moment in the nation's history, leading to the establishment of a new government and the declaration of independence. The Civil War was another major event, which resulted in the abolition of slavery and the preservation of the Union. The 20th century saw the United States emerge as a global superpower, with significant technological and cultural advancements. The nation's history is a testament to the resilience and ingenuity of its people, who have overcome numerous challenges and built a great country.



---ACCOUNTANCY---

Accountancy 1a. Principles of Accounting. Beginners' course. Students who present one unit of bookkeeping for entrance will not be allowed credit in Accy. 1a and should register in Accy. 1e. Students who have failed in Accy. 1a may register in Accy. 1e and will receive credit as in Accy. 1a if their final grade is "C" or above.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	A	8	MWF	C9-18	Casady
	B	9	MWF	C9-18	Horn
	C	10	MWF	C9-68	Casady
	E	1	MWF	C9-14	Horn
	L	9	TTS	C9-68	Horn

Accountancy 1b. Accounting Procedure. A continuation of Accy. 1a or 1e. Credit is given for Accy. 1a without Accy. 1b. Prerequisite: Accy. 1a or 1e.

3 hours	A	8	MWF	C11-10	Purnell
	B	9	MWF	C9-10	Casady
	C	10	MWF	C11-10	Purnell
	K	8	TTS	C9-68	Purnell

Accountancy 1e. Principles of Accounting. Similar to Accy. 1a. Students who have one unit entrance credit in bookkeeping must take this course rather than Accy. 1a. Students who have failed in Accy. 1a may register in Accy. 1e and will receive credit as in Accy. 1a if their final grade is "C" or above.

2 hours	N	11	TT	C9-14	Casady
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Accountancy 2a. Elementary Cost Accounting. Prerequisites: Accy. 1b; registration or credit in Econ. 1a or 2.

3 hours	A	8	MWF	C9-68	Purnell
	D	11	MWF	C9-68	Purnell
	F	2	MWF	C9-10	

Accountancy 2b. Intermediate Accounting. Prerequisite: Accy. 2a.

3 hours	B	9	MWF	C9-68	
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---BOTANY---

Botany 1a. Introductory Botany (General Cultural Course). Relation of the plant world to the physical and animal worlds; progressive development of the plant and its evolutionary significance; its part in the formation of soils. The production of food and the maintenance of life. Lectures and discussions designed to accompany Bot. 1b but may be elected without it. It is recommended that freshmen register in Bot. 1a and 1b concurrently.

3 hours	Lect.	10	TTh	C4-64	Anderson
	Quiz 1	11	T	C4-72	
	Quiz 2	8	W	C5-14	
	Quiz 3	9	F	C5-14	

**Botany 1b.**

Introductory Botany (Laboratory). Morphology, physiology, and ecology of representative groups of plant world. One or two field trips. Prerequisite: Bot. 1a or concurrent registration therein.

Credit	Section	Hours	Days	Room	Instructor
2 hours	Lab. 1	1-3	TTh	C3-68	Paepke
	Lab. 2	1-3	TTh	C3-64	
	Lab. 3	3-5	TTh	C3-68	Anderson

**Botany 15.**

Botany-Zoology. A one-year sequence in the fundamental principles of the structure, physiology, reproduction, ecology, and evolution of plants and animals, with emphasis upon their relations to human life. This course meets the general education requirement in the College of Liberal Arts and Sciences.

4 hours	Lect.	1	MW	C4-64	Paepke
	Lab.	3-5	TTh	C3-64	

---CHEMISTRY---

**Chemistry 1.**

Inorganic Chemistry. Prerequisite: One unit of entrance credit in physics or  $2\frac{1}{2}$  units of entrance credit in mathematics, or credit in Math. 2 or 3. Students may register in either lecture section but are required to take the quiz and laboratory in some one section.

- (1) Students who have received entrance credit for high school chemistry are given only 3 hours credit for Chem. 1

5 hours	Lect. A	9	TTh	Fl-Lect.	Lindbeck
	Lect. B	11	TTh	Fl-Lect.	Lindbeck
	Quiz 1	8	TTh	C11-10	Cockerell
	Lab. 1	8-10	MWF	Fl-Lab. B	
	Quiz 2	8	TTh	C11-14	
	Lab. 2	8-10	MWF	Fl-Lab. B	
	Quiz 3	10	TTh	C11-10	Cockerell
	Lab. 3	10-12	MWF	Fl-Lab. B	
	Quiz 5	1	TTh	C11-10	Leuthold
	Lab. 5	1-3	MWF	Fl-Lab. B	
	Quiz 6	1	TTh	C11-14	
	Lab. 6	1-3	MWF	Fl-Lab. B	
	Quiz 7	3	TTh	C11-14	Leuthold
	Lab. 7	3-5	MWF	Fl-Lab. B	

Chemistry 2.

Inorganic Chemistry. For all students who have had one year of high school chemistry. Prerequisite: one unit of entrance credit in chemistry. Students are required to take the quiz and laboratory in some one section. NOTE: Students whose preparation in chemistry is inadequate are advised to register for Chem. 1 or 3 rather than Chem. 2

- (1) 5 hours credit provided that high school chemistry credit has not been used for entrance and the final grade in Chem. 2 is "C" or above.

Credit	Section	Hours	Days	Room	Instructor
(1)					
3 hours	Lect. A	9	F	F1-Lecture	Strepek
	Lect. B	11	F	F1-Lecture	Strepek
	Quiz. 10	8	MW	C11-18	Glawe
	Lab. 10	8-10	F	F1-Lab. B	
	Quiz. 11	9	MW	C11-10	Strepek
	Lab. 11	8-10	Th	F1-Lab. B	
	Quiz. 12	10	TTh	C11-14	Strepek
	Lab. 12	10-12	M	F1-Lab. B	
	Quiz. 13	11	MW	C11-10	Glawe
	Lab. 13	10-12	T	F1-Lab. B	
	Quiz. 14	1	MW	C11-10	Glawe
	Lab. 14	1-3	F	F1-Lab. B	
	Quiz. 15	2	MW	C11-10	Strepek
	Lab. 15	1-3	Th	F1-Lab. B	

Chemistry 3.

Inorganic Chemistry. For engineering students who have had no chemistry. Students may register for either lecture section, but are required to take the quiz and laboratory in some one section. NOTE: Students who have credit for high school chemistry should register for Chem. 2 rather than Chem. 3

- (1) Students who have used their high school chemistry for entrance credit are given only 3 hours credit for Chem. 3

(1)					
4 hours	Lect. A	9	TTh	F1-Lecture	Lindbeck
	Lect. B	11	TTh	F1-Lecture	Lindbeck
	Quiz. 21	8	MW	C11-64	Robinson
	Lab. 21	8-10	TTh	F1-Lab. B	
	Quiz. 22	10	MW	C11-14	Fries
	Lab. 22	10-12	TTh	F1-Lab. B	



### Chemistry 3 (Continued)

Credit	Section	Hours	Days	Room	Instructor
	Quiz. 23	10	MW	C11-18	
	Lab. 23	10-12	TTh	Fl-Lab. B	
	Quiz. 24	1	MW	C11-14	Robinson
	Lab. 24	1-3	TTh	Fl-Lab. B	
	Quiz. 25	3	MW	C11-14	Robinson
	Lab. 25	3-5	TTh	Fl-Lab. B	
	Quiz. 26	3	MW	C11-10	
	Lab. 26	3-5	TTh	Fl-Lab. B	

### Chemistry 4. Chemistry of the Metallic Elements. Limited to students in the engineering curricula. Prerequisite: Chem. 1, 2, or 3.

(1) Credit in Chem. 4 will not be granted to students who have received credit in Chem. 5 or Chem. 6.

(1) 4 hours	Lect.	9	MW	Fl-Lecture	Dalton
	Quiz 30	8	MW	C11-68	Perry
	Lab. 30	8-10	TTh	Fl-Lab. B	
	Quiz 32	10	MW	C11-64	Dalton
	Lab. 32	10-12	TTh	Fl-Lab. B	
	Quiz. 33	10	MW	C11-68	
	Lab. 33	10-12	TTh	Fl-Lab. B	
	Quiz. 34	1	MW	C11-18	Perry
	Lab. 34	1-3	TTh	Fl-Lab. B	
	Quiz. 35	1	MW	C11-64	
	Lab. 35	1-3	TTh	Fl-Lab. B	
	Quiz. 36	3	MW	C11-18	Dalton
	Lab. 36	3-5	TTh	Fl-Lab. B	

### Chemistry 5. Inorganic Chemistry and Qualitative Analysis. For all students who are not eligible for Chem. 4 or Chem. 6. Prerequisite: Chem. 1, 2, or 3.

(1) Credit in Chem. 5 will not be granted to students who have received credit in Chem. 4 or Chem. 6. Seniors will receive only 3 hours credit.

(1) 5 hours	Lect.	1	TTh	Fl-Lecture	Marble
	Quiz. 40	8	TTh	C11-18	Marble
	Lab. 40	8-10	MWF	Fl-Lab. B	

Chemistry 5 (Continued)

Credit	Section	Hours	Days	Room	Instructor
	Quiz. 41	8	TTh	C11-64	
	Lab. 41	8-10	MWF	F1-Lab. B.	
	Quiz. 42	10	TTh	C11-64	Perry
	Lab. 42	10-12	MWF	F1-Lab. B.	
	Quiz. 43	10	TTh	C11-18	
	Lab. 43	10-12	MWF	F1-Lab. B.	
	Quiz. 44	2	TTh	C11-18	Marble
	Lab. 44	1-3	MWF	F1-Lab. B.	

Chemistry 6.

Inorganic Chemistry. For students in the curricula of chemistry, ceramics and ceramic engineering, and chemistry majors who are not pre-medics. Prerequisite: Chem. 1, 2, or 3.

(1) Credit in Chem. 6 will not be granted to students who have received credit in Chem. 4 or Chem. 5.

(1)	5 hours	Lect.	1	MW	F1-Lect.	Fries
		Quiz. 50	8	MW	C11-72	Fries
		Lab. 50	8-10	TTS	F1-Lab. B.	
		Quiz. 51	3	TTh	C11-18	Fries
		Lab. 51	3-5	MWF	F1-Lab. B.	

Chemistry 10.

Qualitative Analysis. Open to all students: required of those whose major is chemistry or chemical engineering and those registered in the curriculum of chemistry. Prerequisite: Chem. 6

5 hours	Lect.	9	M	C11-14	
	Quiz. 60	9	WF	C11-14	Lindbeck
	Lab. 60	1-4	MWF	F1-Lab. B.	

Chemistry 22.

Elementary Quantitative Analysis. Prerequisite: Chem. 4 or 5. For all students in home economics and pre-medical courses and all others who have not followed the sequence Chem. 1, 2, or 3, 6, and 10.

5 hours	Lect.	10	T	F1-Lecture	Brothers
	Quiz.	10	ThS	F1-Lecture	
	Lab. 70	9-12	MWF	F1-Lab. A.	
	Lab. 71	1-4	MWF	F1-Lab. A.	

Chemistry 24      Quantitative Analysis. For all students other than those specified for Chem. 22 and 23B. Prerequisite: Chem. 10 or satisfactory record in Chem 8A - 8B.

Credit	Section	Hours	Days	Room	Instructor
5 hours	Lect.	10	T	Fl-Lect.	Brothers
	Quiz.	10	ThS	Fl-Lect.	
	Lab. 80	9-12	MWF	Fl-Lab. A	
	Lab. 81	1-4	MWF	Fl-Lab. A	

Chemistry 33.      Elementary Organic Chemistry. For students in home economics and pre-medical courses. Prerequisite: Chem. 10 or 5.

5 hours	Lect.	8	MW	Fl-Lect.	Botts
	Quiz	8	F	C5-10	
	Conf.	1	T	C11-18	
	Lab.	2-4	T	Fl-Lab. A	
		1-4	Th	Fl-Lab. A	

Chemistry 34.      Organic Chemistry. For students whose major is chemistry or for those registered in the curriculum of chemistry, chemical engineering. Prerequisite: Chem. 6, 10, and 24.

5 hours	Lect.	8	MWF	Fl-Lect.	Botts
	Conf.	1	T	C11-18	
	Lab.	2-4	T	Fl-Lab. A	
		1-4	Th	Fl-Lab. A	

**CIVIL**  
~~CEMENT~~ CERAMIC ENGINEERING

~~Cement~~ Civil Engineering 15.      General Surveying. Prerequisite: G.E.D. 1; Math 4.

3 hours	A	3-6	MW	C3-10
	B	3-6	TTh	C3-10

~~Cement~~ Civil Engineering 60.      Bridge and Building Construction. Prerequisite: Sophomore standing.

3 hours	A	9	TThS	C3-10
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---ECONOMICS---

Economics 1a.      Principles of Economics. Prerequisite: One year of University work (30 hours of credit.)

3 Hours	A	8	MWF	C9-10	Arnold
	C	10	MWF	C9-10	Arnold
	E	1	MWF	C9-10	Dailey
	G	3	MWF	C9-10	Dailey
	L	9	TTS	C9-10	Arnold



Economics 2.     Elements of Economics. A briefer presentation of the matter covered in Econ. 1a and 1b. For non-commerce students. Prerequisite: One year of University work (30 hours credit).

Credit	Section	Hours	Days	Room	Instructor
3 hours	D	11	MWF	C9-10	Elbert
	L	9	TThS	C9-18	Elbert

Economics 22.     Economic History of United States. Open to students having no more than 30 semester hours of credit.

3 hours	A	8	MWF	C9-14	Elbert
	B	9	MWF	C11-68	Dailey
	C	10	MWF	C9-14	Elbert
	D	11	MWF	C9-14	Dailey
	F	2	MWF	C9-14	Elbert
	M	10	TThS	C9-14	Dailey

Economics 27.     Introduction to Business. Open only to students who have had one semester of University work but no more than 30 hours of credit.

3 hours	A	8	MWF	C11-14	Horn
	D	11	MWF	C9-18	Horn
	F	2	MWF	C9-18	Casady

Economics 70.     Elements of Statistics. Prerequisite: Econ. 1a or 2; sophomore standing.

3 hours	E	1	MW	C9-68	Arnold
		1-3 Lab.	F	C9-68	Arnold
	M	10	TTh	C9-68	Arnold
		10-12 Lab.	S	C9-68	Arnold

---EDUCATION---

Education 1.     The American Public School. Introduction to the study of education. Required of all students who apply for the teacher's certificate in Illinois after September 1, 1945. Prerequisite: Sophomore standing.

2 hours	O	1	TTh	C4-18	Ahrens
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---ELECTRICAL ENGINEERING---

Electrical Engineering 20a.     Illuminating Engineering and Secondary Power Distribution. Prerequisite: Sophomore standing in Electrical Engineering.

3 hours	M	10	TThS	C3-10
	E	1	MWF	C3-10



ENGLISH

English 10a. Types of Poetry. Intended primarily for those who expect to do considerable work in literature, in English or in any other language. Credit is not given for English 11a or 11b in addition to English 10a, or for any of these courses in addition to English 20a and 20b. Prerequisite: Minimum entrance requirements in English.

Credit	Section	Hours	Days	Room	Instructor
3 hours	D	11	MWF	C4-72	

English 11a. Chronological Study of Masterpieces - Beginning to 1800. See note under English 10a. Prerequisite: Minimum entrance requirements in English.

3 hours	D	11	MWF	C12-18	
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English 11b. Chronological Study of Masterpieces - Eighteenth and Nineteenth Centuries. Prerequisite: English 11a. NOTE: Credit is not given for English 11a or 11b in addition to English 10a or 10b, or for any of these courses in addition to English 20a or 20b.

3 hours	D	1	MWF	C12-14	
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English 12. American Literature. Prerequisite: Sophomore standing or exemption from Rhetoric 2.

3 hours	F	2	MWF	C12-10	
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English 20a. Chief Writers of the Nineteenth Century. Intended for students in professional and technical courses, such as law, medicine, commerce, engineering, etc. This course, together with English 20b, meets the Liberal Arts and Sciences general requirement in the Humanities. Prerequisite: Sophomore standing. Credit is not given for English 20a in addition to English 10a and 10b or 11a and 11b.

4 hours	D	11	MThF	C6-10	
	F	2	MThF	C6-10	
	G	3	MThF	C12-68	

English 20b. Chief English Writers Before 1800. Credit is not given for English 20b in addition to English 10a or 10b or 11a or 11b. Prerequisite: English 20a. This course, together with English 20a, meets the Liberal Arts and Sciences general requirement in the Humanities.

4 hours	F	3	MThF	C12-14	
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English 23. Introduction to Shakespeare. Prerequisite: Sophomore standing or exemption from Rhetoric 2.

Credit	Section	Hours	Days	Room	Instructor
3 hours	G	3	MWF	C12-64	

# ---ENTOMOLOGY---

Entomology 2. The Life of Insects. A survey course of the general field of entomology. This course fulfills a one-semester requirement in the biological sequence of the general education requirement in the College of Liberal Arts and Sciences.

4 hours	Lect.	10	MWF	B3-68	Glawe
	Lab.	1	TTh	B3-68	

# ---FRENCH---

French 1a. Elementary Course. For students who have no credit in French. No credit toward graduation is given for French 1a without French 1b.

4 hours	A	8	MTWTh	C5-10
	C	10	MTWTh	C5-10
	D	11	MTWTh	C5-10
	E	1	MTWTh	C5-10
	F	2	MTWTh	C5-10

French 1b. Elementary French (Cont.) Prerequisite: French 1a or one year of high school French.

4 hours	B	9	MTWTh	C5-14
	C	10	MTWTh	C5-14

French 2b. Modern French. (Cont.) Prerequisite: French 2a, or three years of high school French.

4 hours	E	1	MTWTh	C5-14
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# ---GENERAL ENGINEERING DRAWING---

G.E.D. 1 Elements of Drawing. Prerequisite: Plane Geometry.

4 hours	A1	8-11	MF	E13-10	Thornton
		8-10	W	E13-10	
	A2	8-11	MF	E13-10	Johnston
		8-10	W	E13-10	
	B1	12-3	MF	E13-10	Thornton
		12-2	W	E13-10	
	B2	12-3	MF	E13-10	Johnston
		12-2	W	E13-10	

General Engineering Drawing (Continued)

Credit	Section	Hours	Days	Room	Instructor
4 hours	C1	12-3	TTh	E13-10	Thornton
		10-12	S	E13-10	
	C2	12-3	TTh	E13-10	Johnston
		10-12	S	E13-10	
	D1	3-6	TTh	E13-10	Siefert
		10-12	S	E13-10	

G.E.D. 2      Descriptive Geometry.      Prerequisite: Plane and Solid Geometry.

4 hours	A1	3-6	MW	E13-10	Nelson
		3-5	F	E13-10	
	A2	3-6	MW	E13-10	Mullen
		3-5	F	E13-10	
	A3	3-6	MW	E13-10	
		3-5	F	E13-10	
	B1	8-11	TTh	E13-10	Nelson
		8-10	S	E13-10	
	B2	8-11	TTh	E13-10	Mullen
		8-10	S	E13-10	
	B3	8-11	TTh	E13-10	
		8-10	S	E13-10	

---GEOGRAPHY---

Geography 1.      Elements of Geography.      The geographic point of view; elements of physical landscape; planetary relations, climate, climatic regions, land-forms; elements of material culture. Lectures and discussions. Not open to students who have credit in Geography 1a.

5 hours	A	8	MTWThF	Cl4-10
	B	9	MTWThF	Cl4-10
	E	1	MTWThF	Cl4-10

Geography 22.      General Geography.      For commerce students only. A brief survey of the physical environment followed by a more detailed treatment of earth resources and of the causes and consequences of men's chief productive activities from a geographic point of view. Not open to students who have credit in Geography 1, 1a, 2, 2a, or 3.

5 hours	C	10	MTWThF	Cl4-10
	D	11	MTWThF	Cl4-10
	F	2	MTWThF	Cl4-10



11  
GEOLOGY

Geology 1. General Geology. Cultural Course. Lectures, quiz, one half-day field trip. It is desirable but not required to take Geol. 1a concurrently.

Credit	Section	Hours	Days	Room	Instructor
3 hours	Lect.	2	TTh	C4-64	Pretzer
	Quiz. 1	11	M	B3-68	
	Quiz. 2	8	T	B3-68	
	Quiz. 3	11	F	B3-68	

Geology 1a. General Geology Laboratory. Prerequisite: Geol. 1 or concurrent registration therein, or D.G.S. 4a and 4b.

Credit	Section	Hours	Days	Room	Instructor
2 hours	Lab. A	10-12	TTh	B3-68	Pretzer
	Lab. B	1-3	MW	B3-68	

Geology 43 Engineering Geology. Prerequisite: Sophomore standing in the College of Engineering.

Credit	Section	Hours	Days	Room	Instructor
3 hours	Lect.	8	MW	B3-68	Pretzer
	Quiz.	8	F	B3-68	

---GERMAN---

German 1a. Elementary Course. No credit toward graduation is given for German 1 without German 2.

Credit	Section	Hours	Days	Room
4 hours	A	8	MTWTh	C5-64
	B	9	MTWTh	C5-64
	C	10	MTWTh	C5-64
	E	1	MTWTh	C5-64
	F	2	MTWTh	C5-64

German 1b. Elementary Course. (Cont.) Grammar and reading. Prerequisite: German 1, or one year of high school German, or equivalent.

Credit	Section	Hours	Days	Room
4 hours	B	9	MTWTh	C5-68
	D	11	MTWTh	C5-68
	E	2	MTWTh	C5-68

German 2a. Elementary Course. (Cont.) Prerequisite: German 1, or one year of high school German.

Credit	Section	Hours	Days	Room
4 hours	C	10	MTWTh	C5-68

German 2b. Intermediate Course. (Cont.) Literary reading. Prerequisite: German 2a, or three years of high school German, or equivalent.

Credit	Section	Hours	Days	Room
4 hours	H	3	MTWTh	C5-64

---HISTORY---

History 1a.	<u>Continental European History to 1815.</u>				
Credit	Section	Hours	Days	Room	Instructor
4 hours	Lect.	9	MW	C4-64	Habberton
	Disc. B	9	TTh	C4-14	Habberton
	Disc. C	10	WF	C4-14	Habberton
	Disc. D	11	TTh	C4-14	Habberton
History 1b.	<u>Continental European History, 1815, 1947.</u>				
4 hours	Lect.	10	TTh	C9-72	Webber
	Disc. D	11	WF	C4-14	Webber
	Disc. E	1	WF	C4-14	Webber
History 2a.	<u>History of England to 1688.</u>				
3 hours	P	2	MWF	C4-14	Webber
History 3a.	<u>History of the United States to 1828. Prerequisite: Sophomore standing.</u>				
3 hours	B	9	MWF	C4-14	Webber
History 3b.	<u>History of the United States 1828-1947. Prerequisite: Sophomore standing.</u>				
3 hours	C	10	TThS	C4-14	Hubbard

---HYGIENE---

Hygiene 2.	<u>Essentials of Hygiene and Sanitation. Required of all under-graduate women, veterans excepted, during their first year of residence. Those whose names begin with the letters A through K should register the first semester, 1947-48. All others must register in their next semester at the University.</u>				
2 hours	N	11	TT	C6-18	
	O	1	TT	C4-72	
	E	1	MW	C6-18	
Hygiene 5.	<u>Elementary Hygiene and Sanitation. Required of all under-graduate men, veterans excepted, during their first year of residence. Those whose names begin with the letters A through K should register the first semester, 1947-48. All other students must register in their next semester at the University.</u>				
2 hours	K	8	TT	C6-64	
	L	9	TT	C6-64	
	M	10	TT	C6-64	
	D	11	MW	C5-64	
	F	2	MW	C6-18	

---LIBRARY SCIENCE---

Library Science 12. General Reference. Designed to help undergraduate students make better use of books and libraries.

Credit	Section	Hours	Days	Room	Instructor
2 hours	N	11	TT	C5-64	Reid

---MATHEMATICS---

Math. A. Refresher Course in High School Algebra for Veterans. Intended for veterans whose preparation in elementary algebra is inadequate for Math 1, 2, or 3.

No Credit	A	8	MWF	C10-10
	G	3	MWF	C10-10

Math. G. Refresher Course in High School Plane Geometry for Veterans. Intended for veterans whose preparation in high school geometry is inadequate for Math 1, 2, or 3.

No Credit	B	9	MWF	C10-10
	F	2	MWF	C10-10

Math. 1. Solid Geometry. Prerequisite: Entrance Algebra, 1 unit; Plane Geometry, 1 unit. (1) Satisfies deficiency in solid geometry for Engineering students: All other students receive full credit.

3 hours	A	8	MWF	C10-14
	E	1	MWF	C10-10

Math. 2. College Algebra. Prerequisite: Entrance Algebra  $1\frac{1}{2}$  units. Plane Geometry, 1 unit.

3 hours	A	8	MWF	C10-18
	A1	8	MWF	C10-64
	B	9	MWF	C10-64
	B1	9	MWF	C10-18
	C	10	MWF	C10-18
	C1	10	MWF	C10-64
	D	11	MWF	C10-64
	E	1	MWF	C10-64
	F	2	MWF	C10-64
	G	3	MWF	C10-64

Math. 3. Algebra. Prerequisite: Entrance Algebra 1 unit; Plane Geometry, 1 unit.

(1) Students having  $1\frac{1}{2}$  entrance units in Algebra will receive only three hours credit for this course.

(1)

5 hours	A	8	MTWThF	C10-68
	B	9	MTWThF	C10-68
	B1	9	MTWThF	C10-14
	C	10	MTWThF	C10-68
	D	11	MTWThF	C10-68
	E	1	MTWThF	C10-68
	F	2	MTWThF	C10-68
	G	3	MTWThF	C10-68



Math. 4. Plane Trigonometry. Prerequisite: Entrance Algebra,  $1\frac{1}{2}$  units or registration in Math 3: Plane Geometry, 1 unit.

Credit	Section	Hour	Days	Room	Instructor
2 hours	K	8	TTh	C10-64	
	L	9	TTh	C10-64	
	M	10	TTh	C10-64	
	M1	10	TTh	C10-18	
	N	11	TTh	C10-64	
	O	1	TTh	C10-64	
	P	2	TTh	C10-64	
	Q	3	TTh	C10-64	

Math. 4a. Elements of Algebra and Trigonometry. May be taken only by premedical students who have entered with but one unit of high school algebra. It satisfies the trigonometry prerequisite in physics for premedical students. It does not serve as a prerequisite for Math 5 or 6a. Premedical students who enter with  $1\frac{1}{2}$  units of algebra must take Math 4. Prerequisite: high school algebra, 1 unit.

3 hours	F	2	MWF	C10-18	
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Math. 5. Advanced Trigonometry. Intended for students having entrance credit in trigonometry. The course will include topics as trigonometric equations, De Moivre's theorem, complex numbers with applications to more complicated problems in plane trigonometry and a brief introduction to spherical trigonometry. Prerequisite: Entrance Algebra,  $1\frac{1}{2}$  units: plane geometry, 1 unit: solid geometry,  $\frac{1}{2}$  unit; math. 4 or entrance trigonometry ( $\frac{1}{2}$  unit) provided the student can pass a placement test, given in the first two class meetings, on the entrance material.

2 hours	M	10	TTh	C10-14	
	Q	3	TTh	C10-10	

Math. 6a. Analytic Geometry. Prerequisite: Math 2 (or 3) and Math 4 (or 5)

4 hours	A	8	MWThF	C10-72	
	B	9	MWThF	C10-72	
	C	10	MWThF	C10-72	
	C1	10	MWThF	C10-10	
	D	11	MWThF	C10-10	
	E	1	MWThF	C10-72	
	F	2	MWThF	C10-72	
	G	3	MWThF	C10-72	

Math. 7. Calculus. First course for students of mathematics and engineering. Prerequisite: Math 6 (or 6a)

5 hours	B	9	MTWThF	C11-18	
	D	11	MTWThF	C10-18	
	E	1	MTWThF	C10-18	
	F	2	MTWThF	C10-14	



Math. 9. Calculus. Second course for students of mathematics and engineering.  
Prerequisite: Math 7.

Credit	Section	Hours	Days	Room	Instructor
3 hours	B	9	MWF	C11-64	

---MECHANICAL ENGINEERING---

M. E. 37 Mechanisms. Prerequisite: Sophomore standing: G.E.D. 1

2 hours	A	2	MW	C3-68	
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---PHYSICAL EDUCATION FOR MEN---

P.E.M. 20c Prescribed Exercises. Open only to students who are assigned by the Health Service.

1 hour	A	11	MWF	Gym
	B	3	MWF	Gym

P.E.M. 23 Volley Ball.

1 hour	A	9	MWF	Gym
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P.E.M. 24 Beginning Swimming.

1 hour	A	9	TThS	Gym
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P.E.M. 25 Individual Tumbling Stunts.

1 hour	A	9	TThS	Gym
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P.E.M. 27 Apparatus Stunts.

1 hour	A	2	MWF	Gym
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P.E.M. 28 Boxing.

1 hour	A	10	MWF	Gym
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P.E.M. 31 Soccer.

1 hour	A	11	MWF	Gym
	B	11	TThS	Gym

P.E.M. 41 Advanced Swimming.

1 hour	A	10	TThS	Gym
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P.E.M. 43 Touch Football.

1 hour	A	10	MWF	Gym
	B	1	MWF	Gym
	C	3	TTh	Gym

P.E.M. 53 Weight Lifting.

1 hour	A	1	MWF	Gym
	B	11	TThS	Gym

P.E.M. 60 Basic Physical Fitness.

1 hour	A	9	MWF	Gym
	B	2	MWF	Gym
	C	3	MWF	Gym
	D	10	TThS	Gym

---PHYSICAL EDUCATION FOR WOMEN---

P.E.W. 51	<u>Elementary Rhythms.</u>				
Credit	Section	Hours	Days	Room	Instructor
1 hour	A	9	MWF	Gym	
P.E.W. 57	<u>Modified Activities.</u> Prescribed recreational sports, relaxation, and exercise. Recommendation from the Health Service is necessary for registration in this course.				
1 hour	A	2	MWF	Gym	
P.E.W. 58 (II)	<u>Team Sports.</u>				
	1 Hockey & Volley Ball A	3	MWF	Gym	
	1 Hockey & Volley Ball B	3-4	TTh	Gym	
P.E.W. 58(III)	<u>Team Sports.</u>				
	1 Soccer & Sports A	10	MWF	Gym	
	1 Soccer & Sports B	1	MWF	Gym	
P.E.W. 60	<u>Badminton.</u>				
1 hour	A	9	TThS	Gym	
	B	10	TThS	Gym	
P.E.W. 74	<u>Elementary Swimming.</u>				
1 hour	A	11	TThS	Gym	
P.E.W. 76	<u>Intermediate Swimming.</u>				
1 hour	A	11	MWF	Gym	

---PHILOSOPHY---

Philosophy 1	<u>Introduction to Philosophy.</u> Prerequisite: Sophomore standing.				
3 hours	C	10	MWF	C6-18	
	E	1	MWF	C6-72	
Philosophy 2	<u>Logic.</u> Reasoning; detection of fallacies, evidence. Prerequisite: Sophomore standing.				
3 hours	F	2	MWF	C6-72	

---PHYSICS---

Physics 1a	<u>General Physics.</u> Prerequisites: Math. 2 and 4; registration in Physics 3a.				
4 hours	Lect. 1	8	T	C4-64	Staff
	Lect. 2	1	Th	C4-64	Staff
	Quiz. 1	8	MWF	C3-10	Shrode
	Quiz. 2	8	MWF	C3-14	Johnson
	Quiz. 3	10	MWF	C3-10	Shrode
	Quiz. 4	10	MWF	C3-14	Johnson

## Physics 1a (Continued)

Credit	Section	Hours	Days	Room	Instructor
	Quiz. 5	11	MWF	C3-14	Estes
	Quiz. 6	1	MWF	C4-18	Estes
	Quiz. 7	1	MWF	C3-14	Shrode
Physics 1b	<u>General Physics.</u> Prerequisites: Physics 1a and registration in Physics 3b.				
4 hours	Lect.	8	Th	C4-64	Staff
	Quiz. 1	11	MWF	C3-10	Johnson
	Quiz. 2	2	MWF	C3-14	Estes
Physics 3a	<u>General Physics Laboratory.</u> Prerequisites: Physics 1a or registration therein.				
1 hour	Lab. 1	8-11	M	C3-18	Estes
	Lab. 2	3-6	M	C3-18	Johnson
	Lab. 3	9-12	T	C3-18	Shrode
	Lab. 4	8-11	W	C3-18	Estes
	Lab. 5	3-6	W	C3-18	Johnson
	Lab. 6	9-12	Th	C3-18	Shrode
	Lab. 7	3-6	F	C3-18	Shrode
Physics 3b	<u>General Physics Laboratory.</u> Prerequisites: Physics 1b or registration therein.				
1 hour	Lab. 1	3-6	T	C3-18	Johnson
	Lab. 2	3-6	Th	C3-18	Estes

## ---PHYSIOLOGY---

Physiology 1	<u>Mammalian Physiology.</u> Students register for the lecture hour and a discussion section. Credit is not given for physiology 1, 1a, or 1c in addition to 3a.				
3 hours	Lect.	3	MW	C4-64	Geyer
	Dem.	3	F	C4-64	

## ---POLITICAL SCIENCE---

Political Science 1a	<u>American Government: Organization and Powers.</u> Historical development and organization of national, state, and local governments; the federal system; national and state constitutions; civil and political rights; party system; nature, structure, powers, and procedure of legislative, executive, and judicial departments in state and nation. Prerequisite: Sophomore standing.				
3 hours	A	8	MWF	C4-18	Hubbard
	B	9	MWF	C4-18	Hubbard

Political Science 1b.	<u>American Government: Functions.</u> Functions of National, state, and local governments; foreign relations and national defense; taxation and finance; law enforcement; police power; regulation of commerce, communications, and business; promotion				
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Political Science 1b. (Continued)

of social and economic welfare; current problems. Prerequisite: Sophomore standing; Political Science 1a.

Credit	Section	Hours	Days	Room	Instructor
3 hours	F	2	MWF	CL-18	Hubbard

---PSYCHOLOGY---

Psychology 1      Introduction to Psychology.      Prerequisite: Sophomore standing.

4 hours	Lect.	11	MW	C9-72	Ahrens
	Disc. B	9	TTh	CL-18	Ahrens
	Disc. C	10	TTh	CL-18	Ahrens
	Disc. D	11	TTh	CL-18	Hess
	Disc. F	2	TTh	CL-18	Brown

Psychology 21      Character and Personality.      Analysis of the non-intellectual aspects and determinants of mentality and conduct, with special application to behavior problems and personnel psychology. Prerequisite: Psychology 1.

3 hours	E	1	MWF	CL-72	Brown
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---RHETORIC---

Rhetoric 0      Rhetoric and Composition.      (No Credit) Open to students who fail the placement test for admission to Rhetoric 1. Intensive review of fundamentals with considerable practice in composition. Students passing the course will be admitted to Rhetoric 1 without further examination.

No Credit	A	8	MWF	C6-10	
	B	9	MWF	CL-72	
	D	11	MWF	C12-64	
	E	1	MWF	C12-64	
	F	2	MWF	CL-72	

Rhetoric 1      Rhetoric and Composition.      A passing grade on the Rhetoric I placement examination or a passing grade in Rhetoric 0. This course provides elementary training and practice in the comprehension and in the expression of both oral and written English.

3 hours	A-1	8	MWF	CL-72	
	A-2	8	MWF	C12-10	
	A-3	8	MWF	C12-14	
	A-4	8	MWF	C6-18	
	B-1	9	MWF	C12-18	
	B-2	9	MWF	C12-10	
	B-3	9	MWF	C6-10	
	B-4	9	MWF	C12-64	
	C-1	10	MWF	C12-10	
	C-2	10	MWF	C12-68	
	C-3	10	MWF	C12-14	
	C-4	10	MWF	C12-64	

Rhetoric 1 (Con't)

Credit	Section	Hours	Days	Room	Instructor
3 hours	D-1	11	MWF	C6-64	
	D-2	11	MWF	C12-10	
	D-3	11	MWF	C12-68	
	E-1	1	MWF	C6-10	
	E-2	1	MWF	C12-10	
	E-3	1	MWF	C12-18	
	F-1	2	MWF	C5-14	
	F-2	2	MWF	C12-68	
	G	3	MWF	C12-10	
	H	4	MWF	C12-64	
	K	8	TThS	C12-10	
	L	9	TThS	C12-10	
	M	10	TThS	C12-10	
	N	11	TThS	C12-10	

Rhetoric 2. Rhetoric and Composition. Prerequisite: Rhetoric 1. This course provides elementary training and practice in the comprehension and in the expression of both written and oral English.

3 hours	A-1	8	MWF	C6-64	
	A-2	8	MWF	C6-68	
	A-3	8	MWF	C6-72	
	B-1	9	MWF	C6-64	
	B-2	9	MWF	C6-68	
	B-3	9	MWF	C6-72	
	C-1	10	MWF	C4-72	
	C-2	10	MWF	C6-68	
	D-1	11	MWF	C6-68	
	D-2	11	MWF	C6-72	
	E-1	1	MWF	C6-64	
	E-2	1	MWF	C6-68	
	F	2	MWF	C6-64	
	K	8	TThS	C12-64	
	L	9	TThS	C12-64	
	M	10	TThS	C12-64	
	N	11	TThS	C12-64	

Rhetoric 4 Narration and Description. Elements of narrative writing. Prerequisite: Rhetoric 1 and 2; sophomore standing.

3 hours	F	2	MWF	C6-68	
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Rhetoric 10 Business Letter Writing. Prerequisite: Rhetoric 1 and 2.

2 hours	B	9	MW	C6-18	
	M	10	TTh	C6-72	
	O	1	TTh	C6-72	

---SOCIOLOGY---

Sociology 1 Principles of Sociology. Prerequisite: Sophomore standing.

3 hours	B	9	MWF	C9-14	Shideler
	C	10	MWF	C9-18	Shideler

---SPANISH---

Spanish 1a      Elementary Spanish. For students who have no credit in Spanish.  
No credit toward graduation is given for Spanish 1a without 1b.

Credit	Section	Hours	Days	Room	Instructor
4 hours	A	8	MTWTh	C5-18	
	B	9	MTWTh	C5-18	
	C	10	MTWTh	C5-18	
	D	11	MTWTh	C5-18	
	E	1	MTWTh	C5-18	

Spanish 1b      Elementary Spanish. (Cont'd.) Prerequisite: Spanish 1a, or one  
year of high school Spanish.

4 hours	B	9	MTWTh	C5-72	
	D	11	MTWTh	C5-72	
	E	1	MTWTh	C5-72	

Spanish 2a      Modern Spanish. Rapid reading, review of grammar, composition,  
conversation. Prerequisite: Spanish 1b or two years of high  
school Spanish.

4 hours	C	10	MTWTh	C5-72	
	H	3	MTWTh	C5-18	

Spanish 2b      Modern Spanish. (Cont'd.) Prerequisite: Spanish 2a or three years  
of high school Spanish.

4 hours	G	2	MTWTh	C5-18	
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---SPEECH---

Speech 1      Principles of Effective Speaking. Open to freshmen.

3 hours	A	8	MWF	C6-14	
	B	9	MWF	C6-14	
	C	10	MWF	C6-14	
	D	11	MWF	C6-14	
	E	1	MWF	C6-14	
	F	2	MWF	C6-14	
	G	3	MWF	C6-18	
	H	4	MWF	C6-18	
	K	8	TThS	C6-14	
	L	9	TThS	C6-14	
	M	10	TThS	C6-14	
	M	11	TThS	C6-14	

Speech 2      Business and Professional Speaking. Prerequisite: Speech 1;  
sophomore standing.

3 hours	G	3	MWF	C6-14	
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Speech 10      Oral Interpretation of Literature. Principles of interpretation; analysis and oral reading of prose literature and verse. Open to freshmen.

Credit	Section	Hours	Days	Room	Instructor
2 hours	L	9	TTh	C6-18	
	O	1	TTh	C6-18	

---THEORETICAL AND APPLIED MECHANICS---

T.A.M. 1      Analytical Mechanics (Statics). Prerequisite: Registration in Math. 9.

2 hours	M	10	TTh	C11-68	Pratt
	O	1	TTh	C11-68	Pratt

T.A.M. 2      Analytical Mechanics (Dynamics). Prerequisite: T.A.M. 1 or concurrent registration therein, registration in Math. 9.

3 hours	C	10	MWF	C11-72	Pratt
	E	1	MWF	C11-68	Pratt

---ZOOLOGY---

Zoology 1      General Zoology.

5 hours	Lect.	8	MW	C4-64	Braun
	Lect.	10	MW	C4-64	Braun
	Lab & Quiz 1	8-10	TThS	C3-64	
	Lab & Quiz 2	10-12	MWF	C3-64	Anderson
	Lab & Quiz 3	1-3	MWF	C3-64	Braun
	Lab & Quiz 4	8-10	MWF	C3-68	Geyer
	Lab & Quiz 5	8-10	TThS	C3-68	Warren
	Lab & Quiz 6	10-12	MWF	C3-68	Geyer
Lab & Quiz 7	10-12	TThS	C3-68	Paepke	
Lab & Quiz 8	3-5	M F	C3-68	Braun	

Zoology 2      Comparative Vertebrate Anatomy. Prerequisite: Zoology 1. Grade of "C" or above in Zoology 1 is required of freshmen.

5 hours	Lect.	11	MWF	C4-64	Grubgeld
	Lab & Quiz 1	8-10	MWF	C3-64	Warren
	Lab & Quiz 2	10-12	TThS	C3-64	Grubgeld
	Lab & Quiz 3	3-5	MWF	C3-64	Grubgeld





12-411

# TIME TABLE

Second Semester

1947 . 1948

University of Illinois

Galesburg Division

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## CALENDAR

### Second Semester 1947-48

February 6, Friday	Registration of new students
February 7, Saturday, through February 10, Tuesday	Registration of former students
February 11, Wednesday, 8:00 a.m.	Instruction begins
February 16, Monday 12 noon	Latest date for change of study lists without fee
February 21, Saturday, 5 p.m.	Latest date for rebates in full
March 2, Tuesday	University Day (University opened, 1868)
March 3, Wednesday, 5 p.m.	Latest date for adding courses
March 13, Saturday, 12 noon	Latest date for dropping courses without penalty
March 25, Thursday, 12 noon	Easter vacation begins
March 29, Monday, 1 p.m.	Easter vacation ends
April 10, Saturday, 5 p.m.	Latest date for rebates of one-half fees
April 30, Friday	Honors Day Convocation
May 30, Sunday	Memorial Day
June 1, Tuesday, through June 9, Wednesday	Semester examinations



Accountancy 1a. Principles of Accounting. Beginners' course. Students who present one unit of bookkeeping for entrance will not be allowed credit in Accy. 1a and should register in Accy. 1e. Student who have failed in Accy. 1a may register in Accy. 1e and will receive credit as in Accy. 1a if their final grade is "C" or above.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	A	8	MWF	C10-14	Purnell
	B	9	MWF	C9-10	Purnell

Accountancy 1b. Accounting Procedure. A continuation of Accy. 1a or 1e. Credit is given for Accy. 1a without Accy. 1b Prerequisite: Accy. 1a or 1e.

3 hours	A	8	MWF	C9-18	Casady
	B	9	MWF	C11-10	Horn
	F	1	MWF	C9-18	Casady
	H	3	MWF	C9-18	Casady
	L	9	TTS	C9-18	Horn
	M	10	TTS	C9-68	Horn

Accountancy 1e. Principles of Accounting. Similar to Accy. 1a. Students who have one unit entrance credit in bookkeeping must take this course rather than Accy. 1a. Students who have failed in Accy. 1a may register in Accy. 1e and will receive credit as in Accy. 1a if their final grade is "C" or above.

2 hours	L	9	TT	C9-68	Casady
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Accounting 2a. Elementary Cost Accounting. Prerequisites: Accy. 1b; registration or credit in Econ. 1a or 2.

3 hours	C	10	MWF	C10-10	Purnell
	G	2	MWF	C9-10	Purnell
	K	8	TTS	C9-10	Purnell

Accountancy 2b. Intermediate Accounting. Prerequisite: Accy. 2a.

3 hours	A	8	MWF	C9-14	Jackman
	B	9	MWF	C9-14	Jackman
	G	2	MWF	C9-14	Jackman

--BACTERIOLOGY--

Bacteriology 5a. Introductory Bacteriology. Bacteria, yeasts, and molds; structure, morphology, and systematic relationships; their significance in general sanitation, agriculture, home economics, communicable diseases, etc. Lectures, assigned readings, demonstrations, and recitations. Designed to accompany Bact. 5b, but may be taken separately. Prerequisite: Sophomore standing, or consent of instructor.

3 hours	Lect.	1	MW	C9-72	
	Quiz	1	F	C9-72	



Bacteriology 5b. Bacteriological technic; morphology and physiology of bacteria and related microorganisms, preparation of media and apparatus; staining, cultivation, etc. Designed to accompany Bact. 5a. Prerequisite: Bact. 5a, or concurrent registration therein.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
2 hours	Lab. 1	1-3	TTh	B3-68	
	Lab. 2	3-5	TTh	B3-68	

--BOTANY--

Botany 1a. Introductory Botany. (General Cultural Course). Relation of the plant world to the physical and animal worlds; progressive development of the plant and its evolutionary significance; its part in the formation of soils; the production of food and the maintenance of life. Lectures and discussions designed to accompany Bot. 1b but may be elected without it. It is recommended that freshmen register in Bot. 1a and 1b concurrently.

3 hours	Lect.	10	TTh	C4-64
	Quiz 1	9	F	C4-18
	Quiz 2	10	W	C4-18
	Quiz 3	11	F	C5-14

Botany 1b. Introductory Botany (Laboratory). Morphology, physiology, and ecology of representative groups of plant world. One or two field trips. Prerequisite: Bot. 1a or concurrent registration therein.

2 hours	Lab. 1	1-3	TTh	C3-68
	Lab. 2	3-5	TTh	C3-68

Botany 16. Economic Botany. Uses of plants and plant products by man; origin of cultivated plants and their relation to human history. Prerequisite: Bot. 1a-1b, 5, 15, or D.G.S. 3a. Course will include one inspection trip.

3 hours	Lect.	3	MW	C4-64
	Disc.-Dem.	3	F	C4-64

--CHEMISTRY--

Chemistry 1. Inorganic Chemistry. Prerequisite: One unit of entrance credit in physics or  $2\frac{1}{2}$  units of entrance credit in mathematics, or credit in Math. 2 or 3. Students may register in either lecture section but are required to take the quiz and laboratory in some one section.

(1) Students who have received entrance credit for high school chemistry are given only 3 hours credit for Chem. 1.

(1)

5 hours	Lect.A	9	TTh	F1-Lect.
	Lect.B	11	TTh	F1-Lect.
	Quiz 1	8	TTh	C11-10
	Lab. 1	8-10	MWF	F1-Lab. B
	Quiz 2	8	TTh	C11-14
	Lab. 2	8-10	MWF	F1-Lab. B



<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
	Quiz 3	10	TTh	C11-10	
	Lab. 3	10-12	MWF	F1-Lab. B	
	Quiz 5	1	TTh	C11-10	
	Lab. 5	1-3	MWF	F1-Lab. B	
	Quiz 6	1	TTh	C11-14	
	Lab. 6	1-3	MWF	F1-Lab. B	
	Quiz 7	3	TTh	C11-14	
	Lab. 7	3-5	MWF	F1-Lab. B	

Chemistry 2. Inorganic Chemistry. For all students who have had one year of high school chem. Prerequisite: one unit of entrance credit in chemistry. Students are required to take the quiz and laboratory in some one section. NOTE: Students whose preparation in chemistry is inadequate are advised to register for Chem. 1 or 3 rather than Chem. 2.

- (1) 5 hours credit provided their high school chemistry has not been used for entrance and their final grade in Chem. 2 is "C" or above.

3 hours	Lect.	11	F	F1-Lecture
	Quiz 10	8	MW	C11-18
	Lab. 10	8-10	T	F1-Lab. B
	Quiz 11	11	MW	C11-10
	Lab. 11	10-12	T	F1-Lab. B
	Quiz 12	9	MW	C11-18
	Lab. 12	8-10	Th	F1-Lab. B
	Quiz 13	10	MW	C11-10
	Lab. 13	10-12	Th	F1-Lab. B
	Quiz 14	2	TTh	C11-10
	Lab. 14	3-5	Th	F1-Lab. B

Chemistry 3. Inorganic Chemistry. For engineering students who have had no chemistry. Students may register for either lecture section, but are required to take the quiz and laboratory in some one section. NOTE: Students who have credit for high school chemistry should register for Chem. 2 rather than Chem. 3.

- (1) Students who have used their high school chemistry for entrance credit are given only 3 hours credit for Chem. 3.

4 hours	Lect. A	9	TTh	F1-Lecture
	Lect. B	11	TTh	F1-Lecture
	Quiz 20	8	MW	C11-64
	Lab. 20	8-10	TTh	F1-Lab. B
	Quiz 21	10	MW	C11-14
	Lab. 21	10-12	TTh	F1-Lab. B

Chemistry 3. (Continued)

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
	Quiz 22	1	MW	C11-14	
	Lab. 22	1-3	TTh	F1-Lab. B	
	Quiz 23	3	MW	C11-14	
	Lab. 23	3-5	TTh	F1-Lab. B	
	Quiz 24	3	MW	C11-10	
	Lab. 24	3-5	TTh	F1-Lab. B	

Chemistry 4. Chemistry of the Metallic Elements. Limited to students in the engineering curricula. Prerequisite: Chem. 1, 2, or 3.

(1) Credit in Chem. 4 will not be granted to students who have received credit in Chem. 5 or Chem. 6.

(1)					
4 hours	Lect. A	9	MW	F1-Lecture	
	Lect. B	11	MW	F1-Lecture	
	Quiz 30	8	MW	C11-68	
	Lab. 30	8-10	TTh	F1-Lab. B	
	Quiz 31	10	MW	C11-64	
	Lab. 31	10-12	TTh	F1-Lab. B	
	Quiz 32	1	MW	C11-68	
	Lab. 32	1-3	TTh	F1-Lab. B	
	Quiz 33	1	MW	C11-18	
	Lab. 33	1-3	TTh	F1-Lab. B	
	Quiz 34	3	MW	C11-18	
	Lab. 34	3-5	TTh	F1-Lab. B	
	Quiz 35	3	MW	C11-64	
	Lab. 35	3-5	TTh	F1-Lab. B	

Chemistry 5. Inorganic Chemistry and Qualitative Analysis. For all students who are not eligible for Chem. 4 or Chem. 6. Prerequisite: Chem. 1, 2, or 3.

(1) Credit in Chem. 5 will not be granted to students who have received credit in Chem. 4 or Chem. 6.

(1)					
5 hours	Lect.	1	TTh	F1-Lecture	
	Quiz 40	8	TTh	C11-18	
	Lab. 40	8-10	MWF	F1-Lab. B	
	Quiz 41	8	TTh	C11-64	
	Lab. 41	8-10	MWF	F1-Lab. B	
	Quiz 42	10	TTh	C11-18	
	Lab. 42	10-12	MWF	F1-Lab. B	
	Quiz 43	10	TTh	C11-64	
	Lab. 43	10-12	MWF	F1-Lab. B	
	Quiz 44	2	TTh	C11-18	
	Lab. 44	1-3	MWF	F1-Lab. B	

Chemistry 6. Inorganic Chemistry. For students in the curricula of chemistry, chemical engineering, ceramics and ceramic engineering, and chemistry majors who are not pre-medics. Prerequisite: Chem. 1, 2, or 3.

(1) Credit in Chem. 6 will not be granted to students who have received credit in Chem. 4 or Chem. 5.

Credit	Section	Hours	Days	Room	Instructor
(1)					
5 hours	Lect.	1	MW	F1-Lecture	
	Quiz 50	3	TTh	C11-18	
	Lab. 50	3-5	MWF	F1-Lab. B	

Chemistry 10. Qualitative Analysis. Open to all students; required of those whose major is chemistry or chemical engineering and those registered in the curriculum of chemistry. Prerequisite: Chem. 6.

5 hours	Lect.	9	M	C11-14	
	Quiz 60	9	WF	C11-14	
	Lab. 60	1-4	MWF	F1-Lab. B	

Chemistry 22. Elementary Quantitative Analysis. Prerequisite: Chem. 4 or 5. For all students in home economics and pre-medical courses and all others who have not followed the sequence Chem. 1, 2, or 3, 6 and 10.

5 hours	Lect.	10	T	F1-Lecture	
	Quiz	10	ThS	F1-Lecture	
	Lab. 70	9-12	MWF	F1-Lab. A	

Chemistry 24. Quantitative Analysis. For all students other than those specified for Chem. 22. Prerequisite: Chem. 10.

5 hours	Lect.	10	M	F1-Lecture	
	Quiz	10	WF	F1-Lecture	
	Lab. 80	1-4	MWF	F1-Lab. A	

Chemistry 33. Elementary Organic Chemistry. For students in home economics and pre-medical courses. Prerequisite: Chem. 10 or 5.

5 hours	Lect.	2	MW	F1-Lecture	
	Quiz 90	2	F	C11-18	
	Conf.	1	T	C11-18	
	Lab. 90	2-4	T	F1-Lab. A	
		1-4	Th	F1-Lab. A	

#### --CIVIL ENGINEERING--

Civil Engineering 15. General Surveying. Prerequisite: G.E.D. 1; Math. 4.

3 hours	Lect.	11	WF	C11-72	
	E	1-4	W	C11-72	

Civil Engineering 16. Topographical Surveying. Contours, volumetric estimates from contour maps, legal principles, astronomical determination of latitude and azimuth, horizontal and vertical alignment problems for railways and highways, use of plane table. This course with C.E. 15 may be substituted for the 6 hours required and taken at the summer camp. Prerequisite: C. E. 15.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	O	1-4	TTh	C11-72	

Civil Engineering 60. Bridge and Building Construction. Prerequisite: Sophomore standing.

3 hours	A	8	MWF	C11-72	
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--ECONOMICS--

Economics 1a. Principles of Economics. Prerequisite: One year of University work (30 hours of credit).

3 hours	A	8	MWF	C11-14	Dailey *
	D	11	MWF	C9-18	Casady
	L	9	TTS	C9-14	Dailey

Economics 1b. Problems of Economics. Prerequisite: Econ. 1a. A continuation of the introductory course in Principles of Economics.

3 hours	A	8	MWF	C9-10	Arnold
	D	11	MWF	C9-10	Arnold
	F	1	MWF	C9-10	
	M	10	TTS	C9-10	

Economics 2. Elements of Economics. A briefer presentation of the matter covered in Econ. 1a and 1b. For non-commerce students. Prerequisite: One year of University work (30 hours credit).

3 hours	A	8	MWF	C11-10	Elbert
	F	1	MWF	C9-14	Elbert

Economics 22. Economic History of the United States. Open to students having no more than 30 semester hours of credit.

3 hours	C	10	MWF	C9-14	Dailey
	D	11	MWF	C9-14	Dailey
	K	8	TTS	C9-14	Dailey

Economics 27. Introduction to Business. Open only to students who have had one semester of University work but no more than 30 semester hours of credit.

3 hours	A	8	MWF	C12-18	Horn
	C	10	MWF	C9-10	Elbert
	D	11	MWF	C11-14	Horn
	G	2	MWF	C12-14	Elbert
	K	8	TTS	C9-18	Elbert



Economics 70. Elements of Statistics. Prerequisite: Econ. 1a or 2; sophomore standing.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	A	8	MF	C9-68	
	Lab.	8-10	W	C9-68	
	C	10	MF	C9-68	
	Lab.	10-12	W	C9-68	
	F	1	MW	C9-68	Arnold
	Lab.	1-3	F	C9-68	Arnold
	G	2	MF	C9-18	Arnold
	Lab.	2-4	W	C9-68	Arnold
	K	8	TT	C9-68	Arnold
	Lab.	8-10	S	C9-68	Arnold

--EDUCATION--

Education 1. The American Public School. Introduction to the study of education. Required of all students who apply for the teacher's certificate in Illinois after September 1, 1945. Prerequisite: Sophomore standing.

2 hours	P	1	TTh	C6-10	Ahrens
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--ELECTRICAL ENGINEERING--

Electrical Engineering 20a. Illuminating Engineering and Secondary Power Distribution. Prerequisite: Sophomore standing in Electrical Engineering.

3 hours	B	9	MWF	C11-68
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Electrical Engineering 21a. Introduction to Electrodynamics. Study of units in electrostatic, magnetostatic, and electromagnetic circuits. Prerequisite: 1st semester Engineering Physics; registration in 2nd semester Engineering Physics, Math. 9.

3 hours	A	9	TThS	C11-68
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--ENGLISH--

English 10a. Types of Poetry. Intended primarily for those who expect to do considerable work in literature, in English or in any other language. Credit is not given for English 11a or 11b in addition to English 10a, or for any of these courses in addition to English 20a and 20b. Prerequisite: Minimum entrance requirements in English.

3 hours	C	10	MWF	C6-68	Odell
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English 10b Study of the Drama. Intended for those who expect to do considerable work in literature, in English or in any other language. See note under English 10a. Prerequisite: Minimum entrance requirements in English.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	D	11	MWF	C12-68	LaRue

English 11a. Chronological Study of Masterpieces.-Beginning to 1800. See note under English 10a. Prerequisite: Minimum entrance requirements in English.

3 hours	D	11	MWF	C6-68	Roberts
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English 11b. Chronological Study of Masterpieces-Eighteenth and Nineteenth Centuries. Prerequisite: English 11a. NOTE: Credit is not given for English 11a or 11b in addition to English 10a or 10b, or for any of these courses in addition to English 20a or 20b.

3 hours	D	11	MWF	C12-64	Vest
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English 12 American Literature. Prerequisite: Sophomore standing or exemption from Rhetoric 2.

3 hours	F	1	MWF	C6-18	Roberts
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English 13 American Literature. Prerequisite: Sophomore standing, or exemption from Rhetoric 2.

3 hours	G	2	MWF	C6-18	Roberts
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English 20a Chief English Writers of the Nineteenth Century. Intended for students in professional and technical courses, such as law, medicine, commerce, engineering, etc. This course, together with English 20b, meets the Liberal Arts and Sciences general requirement in the Humanities. Prerequisite: Sophomore standing. Credit is not given for English 20a in addition to English 10a and 10b or 11a and 11b.

4 hours	F	1	MThF	C6-14	O'Hara
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English 20b Chief English Writers Before 1800. Credit is not given for English 20b in addition to English 10a and 10b or 11a and 11b. Prerequisite: Sophomore standing. This course, together with English 20a, meets the Liberal Arts and Sciences general requirement in the Humanities.

4 hours	C	10	MThF	C12-72	Corfield
	D	11	MThF	C12-72	Corfield
	H	3	MThF	C12-72	Greene

English 23 Introduction to Shakespeare. Prerequisite: Sophomore standing or exemption from Rhetoric 2.

3 hours	C	10	MWF	C12-64	Vest
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--ENTOMOLOGY--

Entomology 2. The Life of Insects. A survey course of the general field of Entomology. This course fulfills a one-semester requirement in the biological sequence of the general education requirement in the College of Liberal Arts and Sciences.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
4 hours	Lect.	2	MTF	B3-68	
	Lab.	3	WF	B3-68	

--FRENCH--

French 1a Elementary Course. For students who have no credit in French. No credit toward graduation is given for French 1a with out French 1b.

4 hours	B	9	MTWTh	C5-10
	D	11	MTWTh	C5-10
	F	1	MTWTh	C5-10

French 1b Elementary Course (Cont.) Prerequisite: French 1a or one year of high school French.

4 hours	A	8	MTWTh	C5-10
	B	9	MTWTh	C5-14
	C	10	MTWTh	C5-10
	G	2	MTWTh	C5-14

French 2a Modern French. Rapid reading of modern authors; syntax and composition. Prerequisite: French 1b or two years of high school French.

4 hours	C	10	MTWTh	C5-14
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French 2b Modern French (Cont.) Prerequisite: French 2a, or three years of high school French.

4 hours	D	11	MTWTh	C5-14
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--GENERAL ENGINEERING DRAWING--

G.E.D. 1 Elements of Drawing. Prerequisite: Plane Geometry.

4 hours	A1	8-11	MF	E13-10
		8-10	W	E13-10
	A2	<del>8-11</del>	MF	E13-10
		8-10	W	E13-10
	B1	12-3	MF	E13-10
		12-2	W	E13-10
	B2	12-3	MF	E13-10
		12-2	W	E13-10

G.E.D. 1 (Cont.)

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
	C1	12-3 10-12	TTh S	E13-10 E13-10	
	C2	12-3 10-12	TTh S	E13-10 E13-10	

G.E.D. 2

Descriptive Geometry. Prerequisite: Plane and Solid Geometry

4 hours	A1	3-6 3-5	MW F	E13-10 E13-10	
	A2	3-6 3-5	MW F	E13-10 E13-10	
	A3	3-6 3-5	MW F	E13-10 E13-10	
	B1	8-11 8-10	TTh S	E13-10 E13-10	
	B2	8-11 8-10	TTh S	E13-10 E13-10	
	B3	8-11 8-10	TTh S	E13-10 E13-10	

G.E.D. 7

Architectural Projections. Prerequisite: Plane and Solid Geometry.

2 hours	O	1-4	TTh	E-11	Johnston
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--GEOGRAPHY--

Geography 1.

Elements of Geography. The geographic point of view: elements of physical landscape; planetary relations, climate, climatic regions, land-forms; elements of material culture. Lectures and discussions. Not open to students who have credit in Geography 1a.

5 hours	A	8	MTWThF	C4-10	
	B	9	MTWThF	C4-10	

Geography 2.

Economic Geography. Geographic conditions affecting industries, production, and commerce of the world; development and relation of commercial areas to location and availability of resources; markets and transportation routes. Discussion and quiz. Prerequisite: Geography 1 or 1a. Not open to students who have credit in Geography 22. For L.A.S. students this is considered a physical science.

5 hours	D	11	MTWThF	C4-10	
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Geography 22. General Geography. For Commerce students only. A brief survey of the physical environment followed by a more detailed treatment of earth resources and of the causes and consequences of men's chief productive activities from a geographic point of view. Not open to students who have credit in Geography 1, 1a, 2, 2a, or 3.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
5 hours	C	10	MTWThF	C4-10	
	F	1	MTWThF	C4-10	
	G	2	MTWThF	C4-10	

--GEOLOGY--

Geology 1. General Geology. Cultural course. Lecture, quiz, laboratory, and one field trip.

4 hours	Lect.	3	TTh	C9-72	
	Quiz 1	9	F	B3-68	
	Lab. 1	8-10	W	B3-68	
	Quiz 2	10	Th	B3-68	
	Lab. 2	10-12	T	B3-68	
	Quiz 3	4	W	B3-68	
	Lab. 3	3-5	M	B3-68	

Geology 2a. Historical Geology: Evolution of the earth and its life. Lecture and Quiz. Prerequisite: Geology 1, or Geology 43.

4 hours	Lect.	11	MWF	B3-68	
	Quiz	11	Th	B3-68	

--GERMAN--

German 1a. Elementary Course. No credit toward graduation is given for German 1a without German 1b.

4 hours	A	8	MTWTh	C5-64	
	B	9	MTWTh	C5-64	
	F	1	MTWTh	C5-64	

German 1b. Elementary Course.(Cont.) Grammar and reading. Prerequisite: German 1a or one year of high school German, or equivalent.

4 hours	B	9	MTWTh	C5-68	
	D	11	MTWTh	C5-64	
	F	1	MTWTh	C5-68	
	G	2	MTWTh	C5-64	

German 2a. Intermediate Course. Prerequisite: German 1b, or two years of high school German.

4 hours	C	10	MTWTh	C5-64	
	G	2	MTWTh	C5-68	

German 2b. Intermediate Course (Cont.) Literary reading. Prerequisite: German 2a, or three years of high school German, or equivalent.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
4 hours	D	11	MTWTh	C5-68	

--HISTORY--

History 1a Continental European History to 1815.

4 hours	Lect.	10	MW	C9-72	
	Disc. N	11	TTh	C4-14	
	Disc. P	1	TTh	C4-18	
	Disc. H	3	WF	C4-14	

History 1b Continental European History 1815-1947.

4 hours	Lect.	10	TTh	C9-72	
	Disc. D	11	WF	C4-14	
	Disc. F	1	WF	C4-14	
	Disc. P	1	TTh	C4-14	

History 2b History of England, 1688-1947.

3 hours	F	1	MWF	C4-18	
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History 3b History of the United States 1828-1947. Prerequisite: Sophomore standing.

3 hours	M	10	TThS	C4-14	Hubbard
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History 4 Latin American History. A survey of the history of Latin America from the period of colonization to the present day. Prerequisite: one semester of college work.

3 hours	G	2	MWF	C4-14	Webber
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--HYGIENE--

Hygiene 2 Essentials of Hygiene and Sanitation. Required of all undergraduate women, veterans excepted, during their first year of residence. Those whose names begin with the letters A through K should register in their first semester, those whose names begin with the letters L through Z must register in their second semester at the University.

2 hours	F	1	MW	C11-10	Brooks
	M	10	TT	C11-14	Brooks
	N	11	TT	C11-14	Brooks

Hygiene 5 Elementary Hygiene and Sanitation. Required of all undergraduate men, veterans excepted, during their first year of residence. Those whose names begin with the letters A through K must register in their first semester in the University; those whose names begin with the letters L through Z must register in their second semester.

(Continued)

# Hygiene 5 Continued.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
2 hours	L	9	TT	C4-72	Charlwood
	M	10	TT	C6-14	Charlwood
	C	10	MW	C4-72	Charlwood
	D	11	MW	C4-72	Charlwood

\*\*(For Hygiene 6 and 7, The Hygiene of Sex and Marriage, see last page of this  
 \*\*\* Time Table.) & Library Science. MATHEMATICS

**Math. A** Refresher Course in High School Algebra for Veterans. Intended for veterans whose preparation in elementary algebra is inadequate for Math. 1, 2, or 3.

No credit	A	8	MWF	C10-10
	G	3	MWF	C10-10

**Math. G** Refresher Course in High School Plane Geometry for Veterans. Intended for veterans whose preparation in high school geometry is inadequate for Math. 1, 2, or 3.

No credit	B	9	MWF	C10-10
	F	2	MWF	C10-10

**Math. 1** Solid Geometry. Prerequisite: Entrance Algebra, 1 unit; Plane Geometry, 1 unit.

(1) Satisfies deficiency in solid geometry for Engineering students. All other students receive full credit.

3 hours	(1) C	10	MWF	C10-14
	E	1	MWF	C10-10

**Math. 2** College Algebra. Prerequisite: Entrance Algebra,  $1\frac{1}{2}$  units. Plane Geometry, 1 unit.

3 hours	A	8	MWF	C10-18
	B	9	MWF	C10-18
	E	1	MWF	C10-64
	F	2	MWF	C10-64

**Math. 3** Algebra. Prerequisite: Entrance Algebra 1 unit; Plane Geometry 1 unit.

(1) Students having  $1\frac{1}{2}$  entrance units in Algebra will receive only three hours credit for this course.

5 hours	(1) A	8	MTWThF	C10-68
	B	9	MTWThF	C10-68
	C	10	MTWThF	C10-68
	C1	10	MTWThF	C10-18
	D	11	MTWThF	C10-68
	E	1	MTWThF	C10-68
	F	2	MTWThF	C10-68
	G	3	MTWThF	C10-68



Math. 4

Plane Trigonometry. Prerequisite: Entrance Algebra,  $1\frac{1}{2}$  units or registration in Math. 3. Plane Geometry, 1 unit.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
2 hours	K	8	TTh	C10-64	
	L	9	TTh	C10-64	
	L1	9	TTh	C10-10	
	M	10	TTh	C10-64	
	M1	10	TTh	C10-10	
	N	11	TTh	C10-64	
	O	1	TTh	C10-64	
	O1	1	TTh	C10-10	
	P	2	TTh	C10-64	
	Q	3	TTh	C10-64	

Math. 4a

Elements of Algebra and Trigonometry. May be taken only by pre-medical students who have entered with but one unit of high school algebra. It satisfies the trigonometry prerequisite in physics for premedical students. It does not serve as a prerequisite for Math. 5 or 6a. Premedical students who enter with  $1\frac{1}{2}$  units of algebra must take Math. 4. Prerequisite: High school Algebra, 1 unit, Plane Geometry, 1 unit.

3 hours	B	9	MWF	C10-14
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Math. 5

Advanced Trigonometry. Intended for students having entrance credit in trigonometry. The course will include topics as trigonometric equations. De Moivre's theorem. complex numbers with applications to more complicated problems in plane trigonometry and a brief introduction to spherical trigonometry. Prerequisite: Entrance Algebra,  $1\frac{1}{2}$  units; plane geometry, 1 unit; solid geometry,  $\frac{1}{2}$  units; Math. 4 or entrance trigonometry ( $\frac{1}{2}$  unit) provided the student can pass a placement test, given in the first two class meetings, on the entrance material.

2 hours	M	10	TTh	C10-14
	Q	3	TTh	C10-10

Math. 6a

Analytic Geometry. Prerequisite: Math. 2 (or 3) and Math. 4 (or 5).

4 hours	A	8	MWThF	C10-72
	A1	8	MWThF	C12-68
	B	9	MWThF	C10-72
	C	10	MWThF	C10-72
	E	1	MWThF	C10-72
	F	2	MWThF	C10-72
	G	3	MWThF	C10-72

Math. 7

Calculus. First course for students of mathematics and engineering. Prerequisite: Math. 6 (or 6a).

5 hours	B	9	MTWThF	C12-68
	C	10	MTWThF	C12-18
	D	11	MTWThF	C10-18
	D1	11	MTWThF	C11-68
	E	1	MTWThF	C10-18
	F	2	MTWThF	C10-14



Calculus. Second course for students of mathematics and engineering. Prerequisite: Math. 7.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	A	8	MWF	C10-64	
	B	9	MWF	C11-64	
	C	10	MWF	C10-64	
	D	11	MWF	C10-64	
	E	1	MWF	C10-14	

--MECHANICAL ENGINEERING--

**M.E. 37**

Mechanisms. Prerequisite: Sophomore standing: G.E.D. 1 and registration in Physics 2a. A study of the transmission and modification of motion by linkwork, cams, gears, belts, ropes, chains, etc; theory of gear tooth action; gear tooth systems and production methods; point paths; displacement diagrams.

2 hours	E	1-3	MF	E-11
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--PHILOSOPHY--

**Philosophy 1** Introduction to Philosophy. Prerequisite: Sophomore standing.

3 hours	G	2	MWF	C12-68	Parsons
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**Philosophy 2** Logic. Reasoning: detection of fallacies, evidence. Prerequisite: Sophomore standing.

3 hours	D	1	MWF	C12-68	Parsons
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--PHYSICAL EDUCATION FOR MEN--

Men entering the University as freshmen (except veterans who are excused, but who may elect to take any course in physical education) are required to obtain credit for four semesters of physical education. The Division of Physical Education welcomes veterans to participate in the program.

All new students are required to take a health examination given by the Student Health Service before registration. All new students, except those excused by the Student Health Service, are required to take a motor fitness test before registration. Appointments for this test must be made at the University Health Service Station when the health examinations are completed.

**P.E.M. 20d** Prescribed Exercises. Open only to students who are assigned by the Health Service.

1 hour	A	11	MWF	Gym
	B	3	MWF	Gym
	C	11	TTS	Gym

**P.E.M. 23** Volley Ball.

1 hour	A	9	MWF	Gym
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P.E.M. 24	<u>Beginning Swimming.</u>					
	<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
	1 hour	A	10	MWF	Gym	
		B	10	TTS	Gym	
P.E.M. 25	<u>Individual Tumbling Stunts.</u>					
	1 hour	A	10	MWF	Gym	
P.E.M. 27	<u>Apparatus Stunts.</u>					
	1 hour	A	11	TTS	Gym	
P.E.M. 28	<u>Boxing.</u>					
	1 hour	A	11	MWF	Gym	
P.E.M. 29	<u>Wrestling.</u>					
	1 hour	A	9	MWF	Gym	
		B	9	TTS	Gym	
P.E.M. 32	<u>Golf.</u>					
	1 hour	A	9	TTS	Gym	
P.E.M. 33	<u>Tennis.</u>					
	1 hour	A	10	MWF	Gym	
		B	2	MWF	Gym	
P.E.M. 34	<u>Softball.</u>					
	1 hour	A	1	MWF	Gym	
		B	3	TTh	Gym	
P.E.M. 41	<u>Advanced Swimming.</u>					
	1 hour	A	2	MWF	Gym	
		B	3	MWF	Gym	
P.E.M. 53	<u>Weight Lifting.</u>					
	1 hour	A	1	MWF	Gym	
		B	10	TTS	Gym	
P.E.M. 60	<u>Basic Physical Fitness.</u>					
	1 hour	A	9	MWF	Gym	
		B	11	MWF	Gym	
		C	2	MWF	Gym	
		D	9	TTS	Gym	

--PHYSICAL EDUCATION FOR WOMEN--

Freshmen and sophomores: Of the four semesters required in physical education, the Division recommends: one semester of Motor Fitness (P.E.W. 72) or Rhythms (P.E.W. 51); one semester of Swimming (P.E.W. 74 or 76); one semester of a Team Sport (P.E.W. 58); and one semester of an elective.

All new students are required to take a health examination given by the Student Health Service before registration. All new students, except those excused by the Student Health Service, are required to take a motor fitness test before registration. Appointments for this test must be made at the University Health Service Station when the health examinations are completed.

P.E.W. 57      Modified Activities. Prescribed recreational sports, relaxation, and exercise. Recommendation from the Health Service is necessary for registration in this course.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
1 hour	B	2	MWF	Gym	

P.E.W. (58 (I)) Basketball and Softball.

1 hour	A	3	MWF	Gym	
	B	10	TTS	Gym	

P.E.W. 58 (II) Volley Ball and Hockey.

1 hour	A	3	TTh	Gym	
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P.E.W. 60(II) Tennis.

1 hour	A	1	MWF	Gym	
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P.E.W. 60(III) Golf.

1 hour	A	3	TTh	Gym	
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P.E.W. 72      Fundamentals of Motor Fitness.

1 hour	A	10	MWF	Gym	
	B	9	TTS	Gym	

P.E.W. 74      Elementary Swimming.

1 hour	A	11	TTS	Gym	
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P.E.W. 76      Intermediate Swimming.

1 hour	A	11	MWF	Gym	
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P.E.W. 79      Elementary Folk Dance.

1 hour	A	9	MWF	Gym	
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--PHYSICS--

Physics 1b. General Physics. Prerequisites: Physics 1a and registration in Physics 3b. NOTE: Students may register in any lecture period but must register in the laboratory which bears the same number as the quiz section; e.g. students choosing Quiz 10 should register in Lab. 10a or 10b.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
4 hours	Lect. 10	8	Tu	C4-64	
	Lect. 40	11	Tu	C4-64	
	Quiz 10	8	MWF	C3-10	
	Quiz 20	9	MWF	C3-10	
	Quiz 40	11	MWF	C3-10	
	Quiz 41	11	MWF	C4-18	
	Quiz 90	4	MWF	C3-10	

Physics 3b. General Physics Laboratory. Prerequisites: Physics 1b or registration therein.

1 hour	Lab. 10a	1-4	Tu	C3-14
	Lab. 10b	1-4	F	C3-14
	Lab. 20a	1-4	M	C3-14
	Lab. 20b	1-4	Th	C3-14
	Lab. 40a	8-11	M	C3-14
	Lab. 40b	8-11	Th	C3-14
	Lab. 41a	8-11	Tu	C3-14
	Lab. 41b	8-11	F	C3-14
	Lab. 90a	8-11	W	C3-14
	Lab. 90b	8-11	S	C3-14

Physics 2a General Physics for Engineering (Mechanics, Sound and Heat).  
Prerequisite: Registration in Math. 7 or 8a.

5 hours	Lect. 10	8	Th	C4-64
	Lect. 40	11	Th	C4-64
	Quiz 10	8	MWF	C5-14
	Quiz 30	10	MWF	C3-10
	Quiz 31	10	MWF	C4-14
	Quiz 80	3	MWF	C3-10
	Quiz 90	4	MWF	C4-18
	Lab. 10a	9-12	M	C3-18
	Lab. 10b	9-12	Th	C3-18
	Lab. 30a	1-4	Tu	C3-18
	Lab. 30b	1-4	F	C3-18
	Lab. 31a	1-4	M	C3-18
	Lab. 31b	1-4	Th	C3-18
	Lab. 80a	8-11	Tu	C3-18
	Lab. 80b	8-11	F	C3-18
	Lab. 90a	1-4	W	C3-18
	Lab. 90b	8-11	S	C3-18



Physics 4a.

General Physics. (Mechanics, Sound, and Heat). Course for premedical, pre-dental, architecture students, and students not specializing in physics, mathematics, chemistry or engineering. Prerequisite: Math. 2 and 4.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
5 hours	Lect. 60	1	TTh	C4-64	
	Quiz 40	11	TTh	C3-10	
	Lab. 40a	8-11	W	C3-18	
	Lab. 40b	1-4	W	C3-14	

--PHYSIOLOGY--

Physiology 1

Mammalian Physiology. Credit is not given for Physiology 1, 1a, or 1c in addition to 3a.

3 hours	Lect.	1	MW	C4-64	
	Dem.	1	F	C4-64	

--POLITICAL SCIENCE--

Political Science 1a. American Government: Organization and Powers.

Historical development and organization of national, state, and local governments; the federal system; national and state constitutions; civil and political rights; party system; nature, structure, powers, and procedure of legislative, executive, and judicial departments in state and nation. Prerequisite: Sophomore standing.

3 hours	A	8	MWF	C4-18	Hubbard
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Political Science 1b. American Government: Functions. Functions of national, state, and local governments; foreign relations and national defense; taxation and finance; law enforcement; police power; regulation of commerce, communications, and business; promotion of social and economic welfare; current problems. Prerequisite: Sophomore standing; Political Science 1a.

3 hours	F	1	MWF	C5-14	Hubbard
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--PSYCHOLOGY--

Psychology 1 Introduction to Psychology. Prerequisite: Sophomore standing.

4 hours	Lect.	11	MW	C9-72	Ahrens
	Disc. L	9	TTh	C4-18	Ahrens
	Disc. M	10	TTh	C4-18	Ahrens
	Disc. H	3	MW	C6-72	Hancock

Psychology 21 Character and Personality. Analysis of the non-intellectual aspects and determinants of mentality and conduct, with special application to behavior problems and personnel psychology. Prerequisite: Psychology 1.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	F	1	MWF	C4-72	Brown

--RHETORIC--

Rhetoric 0 Rhetoric and Composition. (No credit). Open to students who fail the placement test for admission to Rhetoric 1. Intensive review of fundamentals with considerable practice in composition. Students passing the course will be admitted to Rhetoric 1 without further examination.

No credit	B	9	MWF	C12-10	LaRue
	G	2	MWF	C12-10	Fesler
	K	9	TThS	C12-10	Guffey

Rhetoric 1 Rhetoric and Composition. Prerequisite: A passing grade on the Rhetoric placement examination or a passing grade in Rhetoric 0. This course provides elementary training and practice in the comprehension and in the expression of both oral and written English.

3 hours	A1	8	MWF	C12-64	Vest
	A2	8	MWF	C12-10	Guffey
	B1	9	MWF	C12-14	Thomas
	B2	9	MWF	C12-18	Guffey
	C1	10	MWF	C6-10	Roberts
	C2	10	MWF	C12-68	Greene
	D1	11	MWF	C6-10	Fesler
	D2	11	MWF	C12-10	Thomas
	F1	1	MWF	C12-10	LaRue
	F2	1	MWF	C6-10	Fesler
	G1	2	MWF	C6-64	Woolley
	G2	2	MWF	C11-14	Wylie
	K1	8	TThS	C6-10	Odell
	L1	9	TThS	C6-10	Odell
	M1	10	TThS	C12-10	Thomas

Rhetoric 2 Rhetoric and Composition. Prerequisite: Rhetoric 1. This course provides elementary training and practice in the composition and in the expression of both written and oral English.

3 hours	A1	8	MWF	C6-64	Atwood
	A2	8	MWF	C4-72	Milcezny
	A3	8	MWF	C12-14	Wylie
	B1	9	MWF	C6-64	Atwood
	B2	9	MWF	C12-64	Kowalsky
	B3	9	MWF	C4-72	Milcezny
	C1	10	MWF	C6-64	Reuter
	C2	10	MWF	C6--14	Jones
	C3	10	MWF	C12-14	Crockett
	D1	11	MWF	C12-14	Crockett
	D2	11	MWF	C12-18	Kowalsky
	D3	11	MWF	C11-64	Wylie

## Rhetoric 2 (Cont.)

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	K1	8	TTS	C5-64	Atwood
	K2	8	TTS	C6-68	Reuter
	L1	9	TTS	C6-68	Reuter
	L2	9	TTS	C6-64	Jones
	M1	10	TTS	C4-72	McGrinnon
	M2	10	TTS	C6-10	Jones

Rhetoric 4. Narration and Description. Elements of narrative writing. Prerequisite: Rhetoric 1 and 2; sophomore standing.

3 hours	H	3	MWF	C6-18	Robb
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Rhetoric 10. Business Letter Writing. Prerequisite: Rhetoric 1 and 2.

2 hours	C	10	MW	C6-18	Robb
	M	10	TTh	C6-18	Robb
	Q	2	TTh	C6-18	Robb

### --SOCIOLOGY--

Sociology 1. Principles of Sociology. Prerequisite: Sophomore standing.

3 hours	B	9	MWF	C9-18	Shideler
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Sociology 2. Social Factors in Personality. Nature of person and relation to institutions, social order, and development. Prerequisite: Sociology 1.

3 hours	C	10	MWF	C9-18	Shideler
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### --SPANISH--

Spanish 1a. Elementary Spanish. For students who have no credit in Spanish. No credit toward graduation is given for Spanish 1a without 1b.

4 hours	B	9	MTWTh	C5-18
	D	11	MTWTh	C5-18
	F	1	MTWTh	C5-18

Spanish 1b. Elementary Spanish. (Cont.) Prerequisite: Spanish 1a, or one year of high school Spanish.

4 hours	A	8	MTWTh	C5-72
	B	9	MTWTh	C5-72
	C	10	MTWTh	C5-72
	F	1	MTWTh	C5-72



Spanish 2a      Modern Spanish. Rapid reading, review of grammar, composition, conversation. Prerequisites: Spanish 1b or two years of high school Spanish.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
4 hours	C	10	MTWTh	C5-18	
	G	2	MTWTh	C5-18	

Spanish 2b      Modern Spanish (Cont.) Prerequisite: Spanish 2a or three years of high school Spanish.

4 hours	D	11	MTWTh	C5-72	
	G	2	MTWTh	C5-72	

--SPEECH--

Speech 1      Principles of Effective Speaking. Open to freshmen.

3 hours	B	9	MWF	C6-72	Greene
	C	10	MWF	C6-72	Charmley
	D	11	MWF	C6-72	Mayfield
	F	1	MWF	C6-72	Crockett
	G	2	MWF	C6-72	Mayfield
	H	3	MWF	C6-68	Mayfield
	K	8	TThS	C6-72	Kowalsky
	L	9	TThS	C6-72	Kowalsky
	M	10	TThS	C6-72	Charmley

Speech 2      Business and Professional Speaking. Prerequisite: Speech 1; sophomore standing.

3 hours	B	9	MWF	C6-68	Charmley
	L	9	TThS	C6-18	Charmley

Speech 10      Oral Interpretation of Literature. Principles of interpretation; analysis and oral reading of prose literature and verse. Open to freshmen.

2 hours	P	1	TTh	C6-72	Mayfield
	Q	2	TTh	C6-72	Mayfield

--THEORETICAL AND APPLIED MECHANICS--

T.A.M. 1      Analytical Mechanics (Statics). Prerequisite: Registration in Math. 9.

2 hours	M	10	TTh	C11-68	
	O	1	TTh	C11-68	

T.A.M. 2      Analytical Mechanics (Dynamics). Prerequisite: T.A.M. 1 or concurrent registration therein.

3 hours	C	10	MWF	C11-72	
	E	1	MWF	C11-64	



**Zoology 1      General Zoology.**

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
5 hours	Lect. A	10	MW	C4-64	
	Lab. & Quiz 1	8-10	MWF	C3-68	
	Lab. & Quiz 2	10-12	TThS	C3-64	
	Lab. & Quiz 3	1-3	MWF	C3-64	
	Lab. & Quiz 4	1-3	MWF	C3-68	
	Lab. & Quiz 5	3-5	MWF	C3-68	

**Zoology 2      Comparative Vertebrate Anatomy. Prerequisite: Zoology 1.  
A grade of "C" or above in Zoology 1 is required of freshmen.**

5 hours	Lect.	11	MWF	C4-64	
	Lab. & Quiz 1	8-10	MWF	C3-64	
	Lab. & Quiz 2	3-5	MWF	C3-64	

**Zoology 15      Botany-Zoology. Half of a one-year Botany-Zoology sequence dealing with the fundamental principles of the structure, physiology, reproduction, ecology, and evolution of animals, with special emphasis on their relations to human life. This course meets the general education requirements in the College of Liberal Arts and Sciences and the Zoology requirement for students of Agriculture, Prerequisite: For L.A.S. students, Botany 15. For Agriculture students, Botany 1a and 1b, Botany 15.**

4 hours	Lect.	2	MW	C4-64	
	Lab & Quiz 1	1-3	TTh	C3-64	
	Lab & Quiz 2	3-5	TTh	C3-64	

**\*\*HYGIENE (Cont.)**

6. Health Education: The Hygiene of Sex and Marriage. The factors, relationships, and adjustments which contribute to an integrated and successful family unit. Open to all women students. Prerequisite: Hygiene 2 or equivalent, or consent of instructor.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Time</u>	<u>Room</u>	<u>Instructor</u>
2 hours	Disc. Q	2	TTh	C9-14	Brooks

7. Health Education: The Hygiene of Sex and Marriage. The factors, relationships, and adjustments which contribute to an integrated and successful family unit. Open to all men students. Prerequisite; Hygiene 5 or equivalent, or consent of instructor.

2 hours	Disc. Q1	2	TTh	C9-18	Lawder
	Disc. Q2	2	TTh	C9-10	Charlwood

**\*\*\*LIBRARY SCIENCE**

- Library Science 12. General Reference. Designed to help undergraduate students make better use of books and libraries.**

2 hours	N	11	TT	C9-72	Reid
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## SUMMER SESSION CALENDAR

June 18 - 19.....New Student Orientation.

June 21 - 22.....Registration.

June 23 .....Instruction Begins.

July 5 .....Holiday.

August 11 - 14.....Session Examinations.



---ACCOUNTANCY---

Accountancy Sla. Principles of Accounting. Beginners' course. Students who present one unit of Bookkeeping for entrance will be allowed only two hours credit.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	B	8	MTWTF	C9-68	Arnold

Accountancy Slb. Accounting Procedure. A continuation of Accy. 1a or 1e. Credit is given for Accy. 1a without Accy. 1b. Prerequisite: Accy. 1a 1e.

3 hours	B	8	MTWTF	C9-10	Jackman
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Accountancy S2a. Elementary Cost Accounting. Prerequisite: Accy. 1b. Credit or registration in Econ. 1a or 2.

3 hours	C	9	MTWTF	C9-10	Jackman
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Accountancy S2b. Intermediate Accounting. Prerequisite: Accy. 2a.

3 hours	D	10	MTWTF	C9-10	Jackman
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---BOTANY---

Botany Sla. Introductory Botany (General Cultural Course). Relation of the plant world to the physical and animal worlds: progressive development of the plant and its evolutionary significance: its part in the formation of soils. The production of food and the maintenance of life. Lectures and discussions designed to accompany Bot. 1b but may be elected without it. It is recommended that freshmen register in Bot. 1a and 1b concurrently.

3 hours	Lect. & Quiz	6 clock hours*	C3-52	Geyer
			(Office)	

Botany Slb. Introductory Botany (Laboratory). Morphology, physiology, and ecology of representative groups of plant world. One or two field trips. Prerequisite: Bot. 1a or concurrent registration therein.

2 hours	Lab.	8 clock hours*	C3-68	Geyer
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\*Hours and days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room of Building C-14. All registrants MUST be present at this time.

Accountancy 212. Principles of Accounting. Beginning course. Students who must have one unit of bookkeeping for entrance will be allowed only two hours credit.

Credit	Section	Hours	Days	Room	Instructor
3 hours	B	5	MEETINGS 02-05	Arnold	

Accountancy 213. Accounting Principles. A continuation of Acct. 212 or 214. Credit is given for Acct. 212 without Acct. 213. Prerequisite: Acct. 212.

3 hours	B	5	MEETINGS 02-10	Jackson	
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Accountancy 214. Elementary Cost Accounting. Prerequisite: Acct. 212. Credit or registration in Acct. 212 or 213.

3 hours	C	9	MEETINGS 02-10	Jackson	
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Accountancy 215. Intermediate Accounting. Prerequisite: Acct. 214.

3 hours	D	10	MEETINGS 02-10	Jackson	
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Botany 216. Introductory Botany (General Cultural Course). Relation to the plant world to the physical and animal worlds. Principles of development of the plant and the evolutionary relationships. The part in the formation of soils. The production of food and the sustenance of life. Insects and diseases. Designed to accompany Bot. 217 but may be elected without it. It is recommended that English register in Bot. 216 and 217 concurrently.

1 hour	Lab. 2	5 class hours 02-10	Open	(optional)	
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Botany 217. Introductory Botany (Laboratory). Botany, physiology, and ecology of representative groups of plant world. One or two field trips. Prerequisite: Bot. 216 or concurrent registration in Bot. 216.

2 hours	Lab.	5 class hours 02-05	Open		
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Students are urged to be present with instructor at 3:00 p.m. on last day of lectures. Final exam in registration room of Building C-12. All registrations MUST be made out at this time.



---CHEMISTRY---

Chemistry S1.

Inorganic Chemistry. Prerequisite: One unit of entrance credit in physics or  $2\frac{1}{2}$  units of entrance credit in mathematics, or credit in Math. 2 or 3.

- (1) Students who have received entrance credit for high school chemistry are given only 3 hours credit for Chem. 1.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
5 hours	Lect-Quiz	8 clock hours*		C3-58 (Office)	Warren
	Lab.	12 clock hours*		F-1 Lab.	

Chemistry S5.

Inorganic Chemistry and Qualitative Analysis. For all students who are not eligible for Chem. 4 or Chem. 6. Prerequisite: Chem. 1, 2, or 3.

- (1) Credit in Chem. 5 will not be granted to students who have received credit in Chem. 4 or Chem. 6.

5 hours	Lect.	4 clock hours*	B3-9 (Office)	Fries
	Quiz.	4 clock hours*		
	Lab.	12 clock hours*	F-1 Lab.	

Chemistry S10.

Qualitative Analysis. Open to all students; required of those whose major is chemistry or chemical engineering and those registered in the curriculum of chemistry. Prerequisite: Chem. 6.

5 hours	Lect.	2 clock hours*	B3-9 (Office)	Fries
	Quiz	4 clock hours*		
	Lab.	18 clock hours*	F-1 Lab.	

\*Hours and days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room of Building C-14. All registrants MUST be present at this time.

---CHEMISTRY---

Chemistry III.

Thermodynamic Principles. Thermodynamics: the role of enthalpy, entropy, and Gibbs free energy in determining the spontaneity of a process. The laws of thermodynamics and their application to chemical systems.

(1) Students who have completed previous courses in chemistry should be exempted from the first two lectures.

Credits	Lectures	Topics	Exercises	Examinations
3 hours	Lect-Quiz	2. First Law: Enthalpy, Heat Capacity, Calorimetry	(Office)	
	Lect.	12. Second Law: Entropy, Free Energy, Equilibrium		

Chemistry IV.

Thermodynamic Principles and Qualitative Analysis. For all students who are not eligible for exemption from Chem. I or Chem. II. Thermodynamics: the laws of thermodynamics and their application to chemical systems.

(1) Credit in Chem. I will not be granted to students who have completed Chem. I in Chem. I or Chem. II.

3 hours	Lect.	1. First Law: Enthalpy, Heat Capacity, Calorimetry	(Office)	
	Lect.	12. Second Law: Entropy, Free Energy, Equilibrium		

Chemistry V.

Qualitative Analysis. Qualitative analysis: the separation of cations by groups. The use of solubility, complex formation, and redox reactions in the identification of unknown substances.

3 hours	Lect.	1. First Law: Enthalpy, Heat Capacity, Calorimetry	(Office)	
	Lect.	12. Second Law: Entropy, Free Energy, Equilibrium		

Students who have completed previous courses in chemistry should be exempted from the first two lectures. The first two lectures are required for all students who are not eligible for exemption from Chem. I or Chem. II.

Chemistry S22. Elementary Quantitative Analysis. Prerequisite: Chem. 4 or 5. For all students in home economics and pre-medical courses and all others who have not followed the sequence Chem. 1, 2, or 3, 6 and 10.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
5 hours	Lect.	2 clock hours*		B3-9 (Office)	Fries
	Quiz.	4 clock hours*			
	Lab.	18 clock hours*		F-1 Lab.	

Chemistry S33. Elementary Organic Chemistry. For students in home economics and pre-medical courses. Prerequisite: Chem. 10 or 5.

5 hours	Lect.	4 clock hours*		C3-58 (Office)	Warren
	Quiz.	2 clock hours*			
	Conf.	2 clock hours*			
	Lab.	10 clock hours*		F-1 Lab.	

---CIVIL ENGINEERING---

Civil Engineering S60. Bridge and Building Construction. Prerequisite: Sophomore standing.

3 hours		6 clock hours*		C11-72	H. Johnston
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---ECONOMICS---

Economics Sla. Principles of Economics. Prerequisite: One year of University work (30 hours credit).

3 hours	D	10	MTWTF	C9-18	Elbert
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Economics Slb. Problems of Economics. Prerequisite: Econ. 1a.

3 hours	A	6 clock hours*		C9-68	Arnold
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Economics S2. Elements of Economics. Exclusively for Non-Commerce students. Not open to those who have had Econ. 1a and 1b. Prerequisite: One year of University work (30 hours credit).

3 hours	D	10	MTWTF	C9-18	Elbert
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\*Hours and days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room of Building C-14. All registrants MUST be present at this time.



University 232

University 232  
The following are the names of the students who have been admitted to the University of Chicago for the year 1923-24. The names are listed in alphabetical order of their last names. The names of the students who have been admitted to the University of Chicago for the year 1923-24 are listed in alphabetical order of their last names.

Grade	Section	Name	Room	Telephone
First	1st	John Doe	101	101
First	2nd	John Doe	102	102
First	3rd	John Doe	103	103
First	4th	John Doe	104	104
First	5th	John Doe	105	105

University 233

University 233  
The following are the names of the students who have been admitted to the University of Chicago for the year 1923-24. The names are listed in alphabetical order of their last names. The names of the students who have been admitted to the University of Chicago for the year 1923-24 are listed in alphabetical order of their last names.

Grade	Section	Name	Room	Telephone
First	1st	John Doe	101	101
First	2nd	John Doe	102	102
First	3rd	John Doe	103	103
First	4th	John Doe	104	104
First	5th	John Doe	105	105

---FIFTY---

University 234  
The following are the names of the students who have been admitted to the University of Chicago for the year 1923-24. The names are listed in alphabetical order of their last names. The names of the students who have been admitted to the University of Chicago for the year 1923-24 are listed in alphabetical order of their last names.

Grade	Section	Name	Room	Telephone
First	1st	John Doe	101	101

---SIXTY---

University 235  
The following are the names of the students who have been admitted to the University of Chicago for the year 1923-24. The names are listed in alphabetical order of their last names. The names of the students who have been admitted to the University of Chicago for the year 1923-24 are listed in alphabetical order of their last names.

Grade	Section	Name	Room	Telephone
First	1st	John Doe	101	101

University 236

University 236  
The following are the names of the students who have been admitted to the University of Chicago for the year 1923-24. The names are listed in alphabetical order of their last names. The names of the students who have been admitted to the University of Chicago for the year 1923-24 are listed in alphabetical order of their last names.

Grade	Section	Name	Room	Telephone
First	1st	John Doe	101	101

University 237

University 237  
The following are the names of the students who have been admitted to the University of Chicago for the year 1923-24. The names are listed in alphabetical order of their last names. The names of the students who have been admitted to the University of Chicago for the year 1923-24 are listed in alphabetical order of their last names.

Grade	Section	Name	Room	Telephone
First	1st	John Doe	101	101

University 238  
The following are the names of the students who have been admitted to the University of Chicago for the year 1923-24. The names are listed in alphabetical order of their last names. The names of the students who have been admitted to the University of Chicago for the year 1923-24 are listed in alphabetical order of their last names.



Economics S27. Introduction to Business. Open to freshmen only. Not open to students who have 30 or more hours credit.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	E	11	MTWTFs	C9-18	Elbert

Economics S70. Elements of Statistics. Prerequisite: Econ. 1a or 2, sophomore standing.

3 hours	A	7 clock hours*	C9-68	Arnold
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---ELECTRICAL ENGINEERING---

Electrical Engineering S20a. Illuminating Engineering and Secondary Power Distribution. Prerequisite: Sophomore standing in Electrical Engineering.

3 hours	A	10-12	MWF	C11-68
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Electrical Engineering S21a. Introduction to Electrodynamics. Study of units in electrostatic, magnetostatic, and electromagnetic circuits. Prerequisite: 1st semester Engineering Physics; registration in 2nd semester Engineering Physics, Math. 9.

3 hours	A	8-10	MWF	C11-72
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---ENGLISH---

English S10b. Study of the Drama. Intended for those who expect to do considerable work in literature, in English or in any other language. Prerequisite: Minimum entrance requirements in English.

3 hours	A	6 clock hours*	Roberts
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English S12. American Literature. Prerequisite: Sophomore standing or exemption from Rhetoric 2.

3 hours	A	1	MTWTFs	C6-14	Roberts
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English S20a. Chief English Writers of the Nineteenth Century. Intended for students in professional and technical courses, such as law, medicine, commerce, engineering, etc. This course, together with English 20b, meets the Liberal Arts and Sciences general requirements in the Humanities. Prerequisite: Sophomore standing. Credit is not given for English 20a in addition to English 10a and 10b or 11a and 11b.

4 hours	A	8 clock hours*	Roberts
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\*Hours and days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room of Building C-14. All registrants MUST be present at this time.

1911

English S20b.

Chief English Writers Before 1800. Credit is not given for English 20b in addition to English 10a and 10b or 11a or 11b. Prerequisite: Sophomore standing. This course, together with English 20a meets the Liberal Arts and Sciences general requirement in the Humanities.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
4 hours	A	11	MTWTF	C6-10	Roberts
			and 2 hours to be arranged		

---FRENCH---

French S1a.

Elementary Course. For students who have no credit in French. No credit toward graduation is given for French 1a without French 1b.

4 hours	A	8 clock hours*	Kupcek
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French S1b.

Elementary Course. (Cont.) Prerequisite: French 1a or one year of high school French.

4 hours	A	8 clock hours*	Kupcek
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French S2a.

Modern French. Rapid reading of modern authors; syntax and composition. Prerequisite: French 1b or two years of high school French.

4 hours	A	8 clock hours*	Kupcek
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French S2b.

Modern French. (Cont.) Prerequisite: French 2a, or three years of high school French.

4 hours	A	8 clock hours*	Kupcek
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---GENERAL ENGINEERING DRAWING---

G.E.D. S1.

Elements of Drawing. Prerequisite: Plane Geometry.

4 hours	A	16 clock hours*	E-13-10 Mullen
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G.E.D. S2.

Descriptive Geometry. Prerequisite: Plane and Solid Geometry.

4 hours	A	16 clock hours*	E-13-10 Mullen
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\*Hours and days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room of Building C-14. All registrants MUST be present at this time.



These English 100 students are...  
They are all students of English 100 on the...  
The English 100 students are...  
The English 100 students are...

English	Section	Date	Topic	Assignment
English 100	A	10/10/10	10/10/10	10/10/10

English 100

English 100

English 100

English 100

English 100

English 100

English 100 students are...  
The English 100 students are...  
The English 100 students are...



---GERMAN---

German S1a.	<u>Elementary Course.</u> No credit toward graduation is given for German 1a without German 1b.					
	<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
	4 hours	A	8 clock hours*			Skidmore
German S1b.	<u>Elementary Course.</u> (Cont.) Grammar and reading. Prerequisite: German 1a or one year of high school German, or equivalent.					
	4 hours	A	8-10	MTWTh	C6-14	Skidmore
German S2a.	<u>Intermediate Course.</u> Prerequisite: German 1b, or two years of high school German.					
	4 hours	A	8 clock hours*			Skidmore
German S2b.	<u>Intermediate Course</u> (Cont.) Literary reading. Prerequisite: German 2a, or three years of high school German, or equivalent.					
	4 hours	A	8 clock hours*			Skidmore

---HISTORY---

History S1b.	<u>Continental European History 1815-1948.</u>					
	4 hours	A	8 clock hours*			Hubbard
History S3b.	<u>History of the United States 1828-1948.</u> Prerequisite: Sophomore standing.					
	3 hours	A	9	MTWThFS	C4-14	Hubbard

---HYGIENE---

Hygiene S2.	<u>Essentials of Hygiene and Sanitation.</u> Required of all undergraduate women, veterans excepted, during their first year of residence.					
	2 hours	A	4 clock hours*			Brooks
Hygiene S5.	<u>Elementary Hygiene and Sanitation.</u> Required of all undergraduate men, veterans excepted, during their first year of residence.					
	2 hours	A	4 clock hours*			Charlwood

\*Hours and days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room of Building C-14. All registrants MUST be present at this time.

1870

At 1000

*Journal of Management Education*

1886

of 1962

1915

1907

1897

Hygiene S6.

The Hygiene of Sex and Marriage. The factors, relationships, and adjustments which contribute to an integrated and successful family unit. Open to all women students. Prerequisite: Hygiene 2 or equivalent, or consent of instructor.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Time</u>	<u>Room</u>	<u>Instructor</u>
2 hours	A	4 clock hours*			Brooks

Hygiene S7.

The Hygiene of Sex and Marriage. The factors, relationships, and adjustments which contribute to an integrated and successful family unit. Open to all men students. Prerequisite: Hygiene 5 or equivalent, or consent of instructor.

2 hours	A	4 clock hours*			Brooks
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---MATHEMATICS---

Math. S1.

Solid Geometry. Prerequisite: Entrance Algebra, 1 unit; plane geometry, 1 unit. Satisfies entrance deficiency for engineering students who receive no credit, all others receive full credit.

3 hours	A	6 clock hours*			
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Math. S2.

College Algebra. Prerequisite: Entrance algebra,  $1\frac{1}{2}$  units, Plane Geometry, 1 unit

3 hours	A	10	MTWTF	C10-10	
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Math. S3.

College Algebra. Prerequisite: Entrance Algebra, 1 unit, Plane Geometry, 1 unit. Students having  $1\frac{1}{2}$  entrance units in algebra will receive 3 hours credit for this course.

5 hours	A	10	MTWTF	C10-10	
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(Additional Conferences)

Math. S4.

Plane Trigonometry. Prerequisite: Entrance algebra  $1\frac{1}{2}$  units or registration in Math. 3; plane geometry, 1 unit.

2 hours	A	9	MTWTh	C10-10	
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Math. S6a.

Analytic Geometry. Prerequisite: Math. 2 (or 3) and Math. 4 (or 5).

4 hours	A	7-9	MTWTh	C10-10	
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\*Hours and days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room in Building C-14. All registrants MUST be present at this time.







Math. S7. Calculus. First course for students of mathematics and engineering. Prerequisite: Math. 6 (or 6a). Students who had composite courses including algebra, trigonometry and analytics should consult the instructor before enrolling in this course.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Time</u>	<u>Room</u>	<u>Instructor</u>
5 hours	A	10-12	MTWTF	C10-14	

Math. S9. Calculus. Second course for students of mathematics and engineering. Prerequisite: Math. 7.

3 hours	A	9	MTWTF	C10-14	
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---PHYSICAL EDUCATION FOR MEN---

Men entering the University as freshmen (except veterans who are excused, but who may elect to take any course in physical education) are required to obtain credit for four semesters of physical education. The Division of Physical Education welcomes veterans to participate in the program.

All new students are required to take a health examination given by the Student Health Service before registration. All new students, except those excused by the Student Health Service, are required to take a motor fitness test before registration. Appointments for this test must be made at the University Health Service Station when the health examinations are completed.

P.E.M. S33.

Tennis.

1 hour	A	6 clock hours*	Gym	Siewert
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P.E.M. S34.

Softball.

1 hour	A	3	MTWTF	Gym	Siewert
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---PHYSICS---

Physics S2b.

General Physics for Engineering (Electricity, Magnetism, and Light.) Prerequisite: Physics 2a

5 hours	Lect.	8-10	Tu	C4-64	Estes
	Quiz	8-10	MWF	C3-10	Estes
	Lab.	1-4	MW	C3-18	Estes

Physics S4b.

General Physics. (Electricity, Magnetism, and Light). Course for pre-medical, pre-dental, architecture students, and students not specializing in physics, mathematics, chemistry or engineering. Prerequisite: Physics 4a.

5 hours	A	14 clock hours*
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\*Hours and Days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room in Building C-14. All registrants MUST be present at this time.



---PHYSIOLOGY---

Physiology Sl. Mammalian Physiology. Credit is not given for Physiology 1, 1a, or 1c in addition to 3a.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	Lect., Disc. 10 & Dem.		MTWTFs	C3-52 (Office)	Goyer

---POLITICAL SCIENCE---

Political Science Sla. American Government: Organization and Powers. Historical development and organization of national, state, and local governments; the federal system; national and state constitutions; civil and political rights; party system; nature, structure, powers, and procedure of legislative, executive, and judicial departments in state and nation. Prerequisite: Sophomore standing.

3 hours	A	8	MTWTFs	C4-14	Hubbard
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---PSYCHOLOGY---

Psychology Sl. Introduction to Psychology. Prerequisite: Sophomore standing.

4 hours	A	1-3	MTWTh	C4-18	Ahrens
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---RHETORIC---

Rhetoric SO. Rhetoric and Composition. (No credit). Open to students who fail the placement test for admission to Rhetoric 1. Intensive review of fundamentals with considerable practice in composition. Students passing the course will be admitted to Rhetoric 1 without further examination.

No credit	A	6 clock hours*			Robb
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Rhetoric Sl. Rhetoric and Composition. Prerequisite: A passing grade on the Rhetoric placement examination or a passing grade in Rhetoric O. This course provides elementary training and practice in the comprehension and in the expression of both oral and written English.

3 hours	A	7	MTWThFS	C6-18	Robb
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\*Hours and Days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room of Building C-14. All registrants MUST be present at this time.



1875

1977-1978

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*[Faint, illegible text]*

1997-1998



Rhetoric S2. Rhetoric and Composition. Prerequisite: Rhetoric 1. This course provides elementary training and practice in the composition and in the expression of both written and oral English.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Rooms</u>	<u>Instructor</u>
3 hours	A	8	MTWThFS	C6-18	Jones

Rhetoric S10. Business Letter Writing. Prerequisite: Rhetoric 1 and 2.

2 hours	A	4 clock hours*			Robb
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---SPANISH---

Spanish S1a. Elementary Spanish. For students who have no credit in Spanish. No credit toward graduation is given for Spanish 1a without 1b.

4 hours	A	8 clock hours*			Donohue
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Spanish S1b. Elementary Spanish. (Cont.) Prerequisite: Spanish 1a, or one year of high school Spanish.

4 hours	A	8 clock hours*			Donohue
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Spanish S2a. Modern Spanish. Rapid reading, review of grammar, composition, conversation. Prerequisites: Spanish 1b or two years of high school Spanish.

4 hours	A	8 clock hours*			Donohue
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Spanish S2b. Modern Spanish (Cont.) Prerequisite: Spanish 2a or three years of high school Spanish.

4 hours	A	8 clock hours*			Donohue
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---SPEECH---

Speech S1. Principles of Effective Speaking. Open to freshmen.

3 hours	A	11	MTWThFS	C6-18	Charnley
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---THEORETICAL AND APPLIED MECHANICS---

T.A.M. S1. Analytical Mechanics (Statics). Prerequisite: Registration in Math. 9.

2 hours	A	7-9	TTh	C11-68	H. Johnston
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\*Hours and Days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room of Building C-14. All registrants MUST be present at this time.

of Latin and English. Investigation of the sources of the various forms and words in the vocabulary and in the composition of both written and oral language.

Course: Spanish. Hours: 3. Credits: 3. Prerequisites: Spanish I and II.

Business Letter Writing. Investigation of the sources of the various forms and words in the vocabulary and in the composition of both written and oral language.

---THEORETICAL AND APPLIED MECHANICS---

Elementary Statics. Investigation of the sources of the various forms and words in the vocabulary and in the composition of both written and oral language.

Course: Spanish. Hours: 3. Credits: 3. Prerequisites: Spanish I and II.

Elementary Dynamics. Investigation of the sources of the various forms and words in the vocabulary and in the composition of both written and oral language.

Course: Spanish. Hours: 3. Credits: 3. Prerequisites: Spanish I and II.

Elementary Statics. Investigation of the sources of the various forms and words in the vocabulary and in the composition of both written and oral language.

Course: Spanish. Hours: 3. Credits: 3. Prerequisites: Spanish I and II.

Elementary Dynamics. Investigation of the sources of the various forms and words in the vocabulary and in the composition of both written and oral language.

Course: Spanish. Hours: 3. Credits: 3. Prerequisites: Spanish I and II.

---THEORETICAL AND APPLIED MECHANICS---

Elementary Statics. Investigation of the sources of the various forms and words in the vocabulary and in the composition of both written and oral language.

Course: Spanish. Hours: 3. Credits: 3. Prerequisites: Spanish I and II.

---THEORETICAL AND APPLIED MECHANICS---

Elementary Statics. Investigation of the sources of the various forms and words in the vocabulary and in the composition of both written and oral language.

Course: Spanish. Hours: 3. Credits: 3. Prerequisites: Spanish I and II.

There are two ways to be admitted with honors at 3:00 P.M. on the day of entrance. First, you must be recommended by the faculty. Second, you must pass the entrance exam. All students must be present at this time.

T.A.M. S2.

Analytical Mechanics (Dynamics). Prerequisite: T.A.M. 1 or concurrent registration therein.

<u>Credit</u>	<u>Section</u>	<u>Hours</u>	<u>Days</u>	<u>Room</u>	<u>Instructor</u>
3 hours	A	10-12	MWF	C11-72	H. Johnston

--- ZOOLOGY---

Zoology S1.

General Zoology. Animal biology; structure, function, origin, development and inter-relationship of animals.

5 hours	Lect.	4 clock hours*	C3-52 (Office)	Geyer
	Lab. & Quiz.	12 clock hours*	C3-68	

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\*Hours and Days to be arranged with instructor at 5:00 p.m. on last day of registration, June 22, in registration room of Building C-14. All registrants MUST be present at this time.

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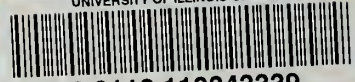








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